

acgcctgagc	ccgtgggggtc	cgatgctggg	gacaagaatg	ccaccaaagc	aggcgatgac	840
gagccagagt	acgaggacgg	ccggggcttt	ggcattgggg	agctggtgtg	ggggaaactg	900
cggggcttct	cctggtggcc	aggccgcatt	gtgtcttggg	ggatgacggg	ccggagccga	960
gcagctgaag	gcacccgctg	ggatcatgtg	ttcggagacg	gcaaatcttc	agtgggtgtg	1020
gttgagaagc	tgatgccgct	gagctcgttt	tgcagtgcgt	tccaccaggc	cacgtacaac	1080
aagcagccca	tgtaccgcaa	agccatctac	gaggtcctgc	aggtggccag	cagccgcgcg	1140
gggaagctgt	tcccgggtgtg	ccacgacagc	gatgagagt	acactgccaa	ggccgtggag	1200
gtgcagaaca	agcccatgat	tgaatgggccc	ctgggggggct	tccagccttc	tggccctaag	1260
ggcctggagc	caccagaaga	agagaagaat	ccctacaaag	aagtgtacac	ggacatgtgg	1320
gtggaacctg	aggcagctgc	ctacgcacca	cctccaccag	ccaaaaagcc	ccggaagagc	1380
acagcggaga	agcccaaggt	caaggagatt	attgatgagc	gcacaagaga	gcggctgggtg	1440
tacgaggtgc	ggcagaagt	ccggaacatt	gaggacatct	gcatctcctg	tgggagcctc	1500
aatgttacct	tggaaacaccc	cctcttcggt	ggaggaatgt	gccaaaactg	caagaactgc	1560
tttctggagt	gtgcgtacca	gtacgacgac	gacggctacc	agtcctactg	caccatctgc	1620
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gagtgtgtgg	acctcttggt	ggggccggggg	gctgcccagg	cagccattaa	ggaagacccc	1740
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tggccctccc	ggctccagat	gttcttcgct	aataaccacg	accaggaatt	tgaccctcca	1860
aaggtttacc	cacctgtccc	agctgagaag	aggaagccca	tccgggtgct	gtctctcttt	1920
gatggaatcg	ctacagggct	cctggtgctg	aaggacttgg	gcattcagggt	ggaccgctac	1980
attgcctcgg	aggtgtgtga	ggactccatc	acggtgggca	tggtgcggca	ccaggggaag	2040
atcatgtacg	tggggagcgt	ccgcagcgtc	acacagaagc	atatccagga	gtggggccca	2100
ttcgatctgg	tgattggggg	cagtcctctg	aatgacctct	ccatcgtcaa	ccctgctcgc	2160
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catgggcgtt	agtacacaga	gaggacacat	ctcgcgattt	ctcgagtcca	acctgtgat	2340
gattgatgcc	aaagaagtgt	cagctgcaca	caggggccgc	tacttctggg	gtaaccttcc	2400
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cataaagcag	ggcaaagacc	agcattttcc	tgtcttcatg	aatgagaaag	aggacatctt	2580
atggtgcact	gaaatggaaa	gggtatttgg	tttcccagtc	cactatactg	acgtctccaa	2640
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ccacctcttc	gctccgctga	aggagtattt	tgcgtgtgtg	taagggacat	gggggcaaac	2760
tgaggtagcg	acacaaagtt	aaacaaacaa	acaaaaaaca	caaaacataa	taaaacacca	2820
agaacatgag	gatggagaga	agtatcagca	cccagaagag	aaaaaggaat	ttaaaacaaa	2880
aaccacagag	gcggaaatac	cggagggctt	tgcttgcga	aaaggggttg	acatcatctc	2940
ctgatttttc	aatgttattc	ttcagtccta	tttaaaaaa	aaaccaagct	cccttccctt	3000
cctccccctt	cccttttttt	tgggtcagac	cttttatatt	ctactctttt	cagagggggtt	3060
ttctgtttgt	ttgggttttg	tttcttgctg	tgactgaaac	aagaaggtta	ttgcagcaaa	3120
aatcagtaac	aaaaaatagt	aacaatacct	tgcagaggaa	aggtgggagg	agaggaaaaa	3180
agggaaattn	ctatagaaat	ctatatattg	gggttggtt			3219

<210> 3711
 <211> 3698
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3699)
 <223> n = a,t,c or g

<220>

<221> misc_feature
 <222> (1)...(3269)
 <223> similar to gi806562 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3711

aagctggacc	gggagttcct	caaggggttgc	aagcttatat	tcaaaatcgc	tttgctgncg	60
gggggcgccc	tcaggaatac	tttaatagaa	agtgatctga	aatacaaaga	gaaacatgtc	120
aaggaaagag	gaacctgcca	tgccgtacct	gacacgcctc	agatcctgct	ggcgaagact	180
gtcagcaacc	tggtgtctga	gaacaagtac	aaggaccatg	tcaagaagca	cttggcacag	240
ggctcataca	caacactacc	agagacccgg	gacactgttc	acgttaagga	agtgaccaag	300
catgtcagtg	atacaaatta	caaaaagaag	tttgtcaagg	agaaaggaaa	atccaactac	360
tccatcatgc	tggagccacc	agaggtgaaa	catgctatgg	aagtggccaa	gaagcaaaagt	420
gatgtcgctt	acagaaaaga	tgccaaagag	aacctgcatt	acaccacagt	ggctgatcga	480
ccagacatca	agaaggccac	acaggcagcc	aaacaggcca	gtgaggtgga	gtacagagcc	540
aagcaccgca	aggaaggcag	ccatggctta	agcatgctcg	gtcgcccaga	catagaaatg	600
gccaaagaag	cagtcaagct	gagcagccag	gttaaatacc	gagaaaattt	cgataaagaa	660
aagggaaga	cacccaaaata	caatccaaaa	gacagccagc	tctacaaagt	catgaaagat	720
gctaataatc	ttgcaagtga	ggttaaatac	aaggctgacc	tgaagaaact	tcacaaaccc	780
gtgactgaca	tgaaggagtc	tctgatcatg	aatcatgtcc	tgaatacaag	ccaacttgcc	840
agttcttacc	agtacaagaa	gaagtatgag	aagagtaaag	gccactacca	caccataccc	900
gataatctgg	agcagcttca	cctaaaagag	gccacagaat	tacagagtat	agtgaaatac	960
aaagaaaagt	atgaaaagga	acgaggaaaa	cccatgctgg	actttgaaac	accaacgtac	1020
atcactgccca	aagagtctca	gcagatgcag	agtgggaaag	agtacaggaa	agattatgaa	1080
gagtccatta	aaggcagaaa	cctgactggc	ctggaggtca	cgccagcttt	gttacattgt	1140
caaatatgca	actaaaatag	caagcgagaa	agagtacagg	aaagatctag	aggaaagcat	1200
ccgtgggaag	ggcctcactg	aaatggaaga	tacacctgac	atgctaagag	caaagaatgc	1260
cactcaaatc	ctcaatgaga	agaatataaa	gcgagacctg	gaactggaag	tcaaaggaag	1320
aggcctgaat	gccatggcca	atgaaactcc	ggattttatg	agggccagga	atgctactga	1380
tattgccagt	cagattaagt	ataagcaatc	agcagaaatg	gagaaagcca	atttcacttc	1440
tgtggttgat	actccagaga	tcattcatgc	ccaacaagtc	aagaatcttt	caagccagaa	1500
aaagtacaag	gaagatgctg	agaagtccat	gtcgtattat	gagactgttt	tggacacccc	1560
agagatacag	agagtccggg	agaacccaaa	gaacttcagc	cttctccaat	accagtgtga	1620
ccttaaaaac	agtaaggaa	aaattacagt	tgttcaagac	acgccagaaa	tactgcgtgt	1680
aaaagaaaat	cagaagaatt	tcagctcggt	tttatataaa	gaggatgtct	caccaggaac	1740
ggctatcgga	aagacacctg	agatgatgag	agtgaacaa	acacaggacc	acattagctc	1800
ggtgaagtat	aaggaagcaa	taggacaagg	aactccaatc	cctgacctgc	ctgaagtga	1860
acgtgtgaag	gagacgcaga	agcacattag	ctcggttatg	tacaaagaaa	acttgggaac	1920
aggcattcca	accactgtga	ctccagagat	tgagagagtc	aaacgcaatc	aagagaactt	1980
tagctcggtt	ttgtacaaag	aaaatttggg	gaaaggaatc	ccaacaccta	tcactccaga	2040
gatggagaga	gtcaaacgca	atcaagagaa	ctttagctcg	gtgttataca	aagaaaacat	2100
gggcaaggga	actcctttac	ctgtcactcc	cgagatggag	cgagtcaaac	acaatcaaga	2160
aaatattagc	tcggttttgt	acaaagaaaa	tgtggggaaa	gccaccgcaa	cccctgtcac	2220
tcctgagatg	cagagagtca	aacgcaatca	agaaaacatt	agctcggtgt	tatacaaaga	2280
gaacctgggg	aaagcaaccc	ccacaccctt	tactcctgag	atggaaagag	tgaaacgcaa	2340
tcaagaaaac	tttagctcgg	tattgtacaa	agagaacatg	agaaaagcaa	ctccgacacc	2400
tggtactcca	gagatggaga	gagctaagcg	caaccaacaa	aacattagct	cgggttcttt	2460
attctgatag	tttccggaaa	caaatacaag	gccagctgc	ctatgtattg	gatacccccg	2520
agatgagacg	ggtgaggagg	acccaacggc	acatctcaac	ggtgaaatat	catgaagact	2580
ttgagaaaca	caagggttgc	ttcacaccag	tggtgacaga	tcctatcact	gaacgagtaa	2640
agaagaacat	gcaggacttc	agtacatta	actaccgtgg	tattcagagg	aaagtggtag	2700
aaatggaaca	aaaacggaat	gaccaagatc	aggagactat	tacaggttta	cgtgtctggc	2760
gtactaatcc	tggttcggtt	tttgactatg	atccagcaga	agacaacatc	cagtcgccga	2820
gcttacacat	gattaatgtc	caagctcagc	gccggagccg	ggagcagtc	cgatctgcca	2880

gtgcactaag	catcagtggg	ggtgaggaga	agtctgagca	ttcagaagca	ccagaccacc	2940
acctttcgac	ttacagcgac	gggggtgtct	ttgcagtcct	aacagcttac	aaacatgcaa	3000
aaaccacaga	gctcccacaa	caacgatcat	cttcagttgc	tacccaacag	acaacggtat	3060
cttccatccc	atctcatccc	atctactgct	ggaaaaaatc	ttccgtgccc	atgtatgact	3120
atatggctgc	tgatgcagat	gaggtgtcct	tcaaggatgg	agatgccatc	ataaatgttc	3180
aagcaattga	tgaaggetgg	atgtatggca	ctgtgcagag	gactggcagg	accggaatgc	3240
tcccagccaa	ctacgttgaa	gctatttagg	catttcaaag	catcacactt	gtctgcagga	3300
cttacagatc	ctgcagtcaa	tgtttcgggt	taaactctcc	actgttacct	aagttctcaa	3360
gctgcctatg	gtttttctgt	gtcaatgtga	tttatggtag	taccatectt	tctcctttgg	3420
gttttaaaat	aagttgcaga	acagacactt	taaaagcttc	tgcaatatta	tttctgtgcc	3480
tagagtcttt	ctccattata	aacatgtttt	aacattatct	cttttctaaa	acagggattt	3540
tgaatatgcc	aaacacatta	aaggaaaaat	agcagagatg	ttcacctttt	ccttgctgat	3600
tgctaattgt	tattatttct	aattcagttc	tgaagttata	aacttataat	caatacaaac	3660
cagcaactaa	taaaacctct	aattctgcaa	aaaaaaaa			3698

<210> 3712

<211> 1022

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1016)...(57)

<223> similar to gi219430 in the genepept database release 114,

Run with FASTX 3.3t00, default parameters

<400> 3712

ttttttatct	tttatttttt	taagcacggg	atcctgtctt	cactcctaca	cactgaacat	60
atccattcgg	atgctattga	aattaccatc	taggccagaa	gcaggcttag	ccttcacttc	120
caaagaatta	tctaagtctt	ctagcttctg	gctcagctcc	actttccaga	ctccatctga	180
accaactttc	tgtgggtagt	gaggtttgaa	cccttgaggg	tgctgcacaa	acttgaggta	240
tccgttgaag	gcaaggaaa	ggaaggagga	gaagaagggg	gagaagcagc	tctcctggca	300
gacgcttga	aaaggatatt	aggccaggac	ttcatggaga	agcaagaaag	atgaggatag	360
gtgttattag	aagaagctgc	agactgcgag	gtagatgtgg	tgtaggatt	aggggagcag	420
actgagtga	gtaataatct	aacatgctct	ttggcatttc	tcattgcttg	tttgattgtt	480
ttctctttgt	gcaagcttga	ctggagggtg	tggttaagt	cttcattccc	actgatagcc	540
acatcacagg	caagacactg	atatttgctg	actgggacac	gaagcactgt	ctcttggtgg	600
tcaatcaaag	gctgaccgaa	ataacagaag	gacttttgat	gatttactcg	cggcgtcttc	660
atcaagtaac	atcaactggc	aacttctgca	tataaactca	tacttgacga	atggaacaac	720
gtaagtgtct	gaaaagtctg	cacttttgga	ttctaactgg	ggttcttctt	ttgtgctttc	780
tgtagcagta	cttttgctct	cctttgtttc	tgaagcatcg	ttggagtgtt	gcggctggtc	840
actttctact	ttggatgtct	ttgcctgaac	tggtttctgc	tgctgttctt	gctgttgctt	900
ttgctgcttt	tgcagggact	cctgcaggtt	ctgctgatac	tggttggtact	gctgcaacag	960
tgcacctggg	gacagacctg	ccagtgtctg	gggcattgta	gggccataag	gctcgtgccc	1020
aa						1022

<210> 3713
 <211> 553
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(537)
 <223> similar to gi3184264 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3713

gtctgcctat	ctgaggacct	gtaccccgat	atcaatgtca	tacttgccat	cctcaaggat	60
tatcttcgag	agttgcccac	ccactcatc	accagcccc	tgtataaggt	ggtactggag	120
gccatggccc	gggaccccc	aaacagagtt	ccccccacca	ctgagggcac	ccgagggctc	180
ctcagctgcc	tgccagatgt	ggaaagggcc	acgttgacgc	ttctcctgga	ccacctgcgc	240
ctcgtctcct	ccttccatgc	ctacaaccgc	atgacccac	agaacttggc	cgtgtgcttc	300
gggcctgtgc	tgctgccggc	acgccaggcg	cccacaaggc	ctcgtgcccg	cagctccggc	360
ccaggccttg	ccagtgcagt	ggacttcaag	caccacatcg	aggtgctgca	ctacctgctg	420
cagtcttggc	cagatccccg	cctgccccga	caatctccag	atgtcgcgcc	ttacttgcca	480
cccaaacgac	agccacctct	gcacctgccc	ttcagggaga	tgggggtcat	taaaggaaac	540
tgaacattga	aaa					553

<210> 3714
 <211> 1264
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(627)
 <223> similar to gi2695708 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3714

cggcacgagg	aagatttagg	taatctctgg	gaaaacacaa	gatttacaga	ctgcagtttt	60
ttcgtgagag	gacaagaatt	taaagctcat	aaatctgtgc	ttgcagctcg	atctccagtt	120
tttaacgcca	tgtttgaaca	tgaaatggaa	gaaagcaaaa	agaatcgagt	ggaaataaat	180
gatttagacc	ctgaagtttt	taaagaaatg	atgagattca	tttacacagg	gagagcacca	240
aaccttgaca	aaatggctga	caacttggtg	gcagctgcag	acaaatatgc	actggaacgg	300
ctgaaggtca	tgtagcga	agctttgtgt	agtaacctct	cagtagagaa	tgtagcagat	360
acccttgctc	ttgcagattt	gcacagtggc	agaacagttg	aaagcacaag	ccatagactt	420
tattaatagg	tgtagtgtac	ttcgacaact	tgggtgtaaa	gatgggaaaa	actggaacag	480
caaccaagca	accgacataa	tggaacatc	aggggggaag	tccatgattc	agtctcacc	540
tcatttagta	gcagaagcct	ttcgagcact	agcatctgca	caggggtccac	agtttggcat	600
tccacgcaaa	cggctaaaac	agtcctgaaa	tcttccatga	acagttgaaa	aatggaattg	660
actttcactc	ctccaggtcc	agaaggattc	taatacacia	accataagca	agagttgttt	720

ctgttatttt	gtccacagaa	cagaagctga	aaaagcatat	tgcttgcatt	tcagggtggat	780
aatttatggg	ttattcttca	gcttttaaatt	agactgatta	attcacttca	aggccttaaa	840
ttatcttcaa	tgacttctct	tgttcatata	atactttaat	ttttttttat	tgtgccttgt	900
cattttgacc	aaggctatgc	aggattgcac	tagctccata	atgcagtaat	attgataact	960
gaagatacta	agtttcaaaa	ggatcttcca	ttattttgca	aaaagaaaaa	tgaattttat	1020
agggtttgtc	ctatgctatc	tcaaagttta	agttctcttt	aaaagcactt	gtattggaga	1080
ttaccagtaa	tatctccaat	ctaagttcta	taaatatggg	agaaccctct	taccttcaag	1140
gtaagttagt	gcaatacact	gcttcaattc	taattttatt	ttcatttcag	ggggcaaata	1200
tgcaatgagt	tggcctagat	ttttagtac	atztatgatg	tttgtcttgt	atgttaactg	1260
tcca						1264

<210> 3715

<211> 1455

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1456)

<223> similar to gi5441940 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3715

atgaaagtat	tatctgaagg	acagttaaag	ctttgtgttg	ttcaaccagt	acatctcact	60
tcattggctcc	ttatattttt	tattctaaag	tctatctctt	gtctaaaacc	tgctcgactt	120
ccaatttatc	aaaggaaacc	ttttatagct	gcttggaatg	ctccaacaga	tcagtgtttg	180
ataaaatata	atttaagact	aaatttgaaa	atgtttcctg	tgattggaag	cccactggcc	240
aaggccaggg	ggcaaaatgt	cactataatt	tatgtcaaca	gattggggat	actatccgtg	300
gtatacatca	caaggggtcc	ccattaatgg	gaggtctccc	acagaacata	agttttacaa	360
gtacatctgg	gaaaaagctt	gaccaaggta	ttaattattt	acatccccgc	tggaggattt	420
cagtggactt	gctgttatag	attgggaata	ttggagacca	cagtggggcc	ggaactggaa	480
ctcaaaagat	gtttacagac	agaagtcaag	aaagcttatt	tccgatatgg	gaaagaatgt	540
atcagctacc	gatattgaat	atttagccaa	agtgcctttt	gaagaaagtg	caaaagcttt	600
catgaaggaa	accatcaaat	tgggaattaa	gagccgaccc	aaaggccttt	ggggttatta	660
tttatatcct	gattgccaca	attataacgt	ttatgcccc	aactactctg	ggtcatgccc	720
agaagacgaa	gtcttgagga	acaatgagct	ctcttggtct	tggaacagca	gtgctgcttt	780
atatccttct	atcggtgtct	ggaaatccct	tggagacagt	gaaaacattt	tgcgcttctc	840
caaatttcgg	gtgcatgaat	ccatgaggat	ctccaccatg	acatctcatg	attatgctct	900
gcctgtattt	gtctacacaa	ggctaggggt	acagagatga	acctttttatt	tttctttttc	960
taagcaagat	ctagtcagca	ccataggaga	aagtgtctgc	ttgggagctg	caggcattgg	1020
ttaatattgg	gagacatgaa	tttaactgca	tccaaggcca	actgtacaaa	ggtgaagcag	1080
tttgtgagtt	ctgatttagg	gagctacata	gccaatgtga	ccagagctgc	tgaggtatgc	1140
agccttcacc	tctgcaggaa	caatggcagg	tgcataagga	agatgtggaa	cgcgcccagt	1200
taccttcact	tgaaccctgc	aagttaccac	atagaggcct	ctgaggacgg	ggagtttact	1260
gtgaaaggaa	aagcatctga	tacagacctg	gcagtgatgg	cagatacatt	ttcctgtcat	1320
tgttatcagg	gatatgaagg	agctgattgc	agagaaataa	agacggctga	tggctgctct	1380
ggggtttccc	cttctcctgg	ttcactaatg	acactttgtc	tactgctttt	agcaagttat	1440
cgaagcatte	agttg					1455

<210> 3716
 <211> 1296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1297)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1291)...(470)
 <223> similar to gi57671 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3716

tttttttttt	ttgggaatgc	tctcaccttt	atttctctca	atatacccg	gatacagata	60
tttcatatgt	aacaaagata	aggatgtgtg	caggtataaa	acagaggcag	aatcatggct	120
aaaacatcta	gccagcaat	gaactcatta	tccctgaggg	gtaagggg	ggggaggaga	180
ggagtcacag	gcagttcacc	cacacctggg	aaaatcgatg	acttcatgga	gaatgaatga	240
ctcgggggga	ttcagatcat	gaagtcatga	gaagaaaggc	ctttcttccc	agggatgatg	300
tttctcagta	tcaataatca	gttgctcggg	ttttttcttc	tatttcttcc	agcagcttaa	360
ttgaagttcc	atcaattnaa	agtccatcta	ttttcaaacc	tgagtgtccc	ggagggtgcc	420
cactggaaca	tgtcaagggt	tcaaaacagc	atcttcactc	ccactagaac	cccaagggat	480
tctgacccca	ggtccagagt	gacgaggctc	tgggttgagc	ctgagggcag	agcagaggtc	540
ttcacaactg	aacggaggga	tggaacatcc	ccacaaccac	agacatctca	agttgcacag	600
tggtttcctc	aaagcctcac	acaggaactt	cattccctta	actcctatgt	gattcagccc	660
cagatccaaa	cacaacaggc	ttgatttttc	ttggagaagc	tttgtgagat	cgcagcagcc	720
atcgctagtt	atgtcgcagt	tccaaagcac	caagggtctg	agtttacact	cggggtacct	780
caagccctca	cacagaaact	tcacccctgt	attcccaatg	gggttcttgg	ccaagcacag	840
gtgtgtcagc	tcccggctga	caaccaacac	agcagcaagg	tccttgcaat	tggcttctgt	900
aagggtgacag	ttttccaacg	acaacctctg	cagaaagcac	ttgggggtgc	tcaaagttgt	960
gtacagcaac	ttagcaccct	catccagaag	ctcattgtcg	gagagggtta	cgcacgtcag	1020
ggactggttg	acttcaagg	ccaaggagag	atcagcccac	tgctgagtgg	tagcggaaca	1080
agacaccaac	ccgagatata	gcaggttaca	ttctggatgt	ctcaagacct	cacacaatgc	1140
gggaaacata	tcattcctgg	cattgccttg	aagggtcaga	tacgttacag	tcttgtgacc	1200
tcgaagagct	aggcagaggt	tccgatgagc	atcagctggg	gaaatgtttt	tgaacaccac	1260
tctctggaga	tgacaggtgt	cagaggctat	ttgttc			1296

<210> 3717
 <211> 672
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (674)...(108)

<223> similar to gi473969 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3717

```
tttttttttt ttgtggtaaa caaaagcttt attatTTTTTT ctttcattaa aaaaatggag      60
cactgaagag aaacagagtt tggacccctg ggttcacccc acactaagca aaatagcccc      120
agataaagat ggcgcagctc acgcagaaaa tgaggttgac gtccaggagg gtcttcacca      180
aggggttttc ttccaggga actatgatgg cttctgctct ggccgggagc tcttccttgc      240
ccttctcctg tattccacag agccacagga tggccttcac cactttggac tgctttgggg      300
tcatgtcaca gctgtgggtt ttagacgtgt tttcttgaac catctcgaac tggacgctgc      360
tgctgctgct ggcctctggc atcccgttct gagagagggt aagagacaag ggagctgctg      420
gtggtgcttg ttccttctgg accacggggg cgtgacgagt aaaccagggt aggtggctga      480
ccatctcctt ggagggtggc tctgtgaacc agctcacggt ggagacagtg atgagggtga      540
ccgtggacag gatcatggag aagtagaggt agtgaatgct cttcaccagg accgggcgct      600
catctggctg gtcgcatcga ggctgcacgt aaataaagtc caggaccagc ctaaccaagg      660
cccaggagca gg                                         672
```

<210> 3718

<211> 908

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (886)...(574)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3718

```
cgcgcccgac ccacgcgtcc gttttaatca cacctcaatc tgttgtagtc ataagagtaa      60
ttatatgatgagaagccaa attaaaatta aaaatgtggc aaagacttcc aattctagtc      120
agttcttaat gtaattccta ctgaagaaaa cacctggaaa tacaaaaaat gtggcaaac      180
ttgtaaccaa tgcttagcat ttttgcatat gatagtattt atatgtgaga ctacttgtag      240
aaacataaaa atatacaaaa gctattgtct acttgaaatt tatagttaat aaaagcatta      300
taaatgtaat ttctgttgaa agacctttta gaaaatatag gccattaaag tgaagaatag      360
tcttaagaca gagaatacaa agataaagag ggctctagta cctgtacttg tatcccagaa      420
cttactatat gcattttgta ctagaggaaa actctgaagc agttgcttaa actttgttca      480
acatcagaga atttatattg gagagaaatc ctacaaatgt aataaatgtg gaaaaacctc      540
tgttcagaaa ctgcagggtta agaaaccaga ggccaggcgc ggtggctcac gcctgtaatc      600
ccaacacttt gggaggccaa ggagggtgga tcacctgagg tcgggagttc aaggacagcc      660
tgaccaatat ggagaaacct cgtctgtact aaaaatacaa aaattagcag gacatggtgg      720
tgcattggctg taatcccagc tactcaggag gctgagacag gagaatggct tgaaccagg      780
aggtggagggt tgcggtgagc tgagatcgtg ccattgcact ccagcctggg taacaagagt      840
gaaactctgt ctcaaaaacaa gataaaaaga aaagaaacac cagagaattt ttactagaat      900
ataatttg                                         908
```

<210> 3719
 <211> 1091
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1092)...(897)
 <223> similar to gi206810 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3719

tttttttttt	ttgcaagtta	taaaatgttt	attgatatac	atthttgtctt	ttataaaaact	60
tccgttgccc	acattggggc	actgtgcacc	acagtgccag	tccccaggtg	gccagggcgg	120
agccagtgtc	cactttcggg	tgggggctgg	agccaagagg	ctgtccagga	gctgcccagt	180
gggtcctcat	ggcctgcggg	atacctcaag	tgctcccggg	ggcagcctag	gactggctcg	240
ttccggagtc	agaaaaggca	ggtcaactac	ccaaggcggc	caaaggccct	tctgtctctc	300
agagccttga	cataaccaga	aatcccccca	tcaaagtcac	caaatgactc	gacgggggga	360
agggaggttg	tttgagaaa	gacttagcta	caaggcatgt	gaaccagAAC	tttcttccag	420
acaccatttc	cttcacattt	gctcactgat	aatgccttaa	gaggatcgaa	tctctggaac	480
agccctgaat	ggcagggatg	aggctgctgg	cctgggtgctg	gctgggacac	agtcaaggag	540
ggctgaccca	agaggcagag	gtggctaggc	tgggtgttga	cctcctctct	tttaccaacc	600
agcctagggc	aaggaggggc	cccaccacct	gggggcaact	tctgtacaag	aggtctctag	660
gggagcagaa	tgggtggggg	agccgggcag	gggccacagg	gtctgtttgc	tgggtggctgc	720
ccagtctccc	agccaccctt	ggagtcacca	gccaggagg	aaggaggccc	gaggagagga	780
aacagatctt	tcttctcctg	tatggactca	gaagcaggtg	cccattcctg	tcccaaggcg	840
aagggctctg	gaggccgctt	cctgcccctg	cctcctccag	gcgctggagt	ctcaggaggc	900
gttccccggg	ggacactgca	tctccatggt	gactgtgttg	ggcgtgctgc	ccccggcctc	960
ccccagctca	gcgcctgccc	gcaaggcccc	ctgggaagac	accctgagcc	gctcccaaca	1020
gccgttgggc	tttgtccctt	ccggggcaga	aggtaaccgt	tggggctggc	gctgggttgg	1080
gtgcagatgc	a					1091

<210> 3720
 <211> 2001
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2002)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (376)...(947)
 <223> similar to gi5545343 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 3720
cagcgtggcg gaattcctgg aaagtccag gaagactctg ggtctgtgga ctgggctctg      60
gggccatttt ggggaatttt ccaggctgat tttggctgta tgcgatttta tctttctgca      120
cagacatcag accctgtcct caggatgtga tggggccctt ccccatctc ccatcctacc      180
agcctgtgtc caggtggggg tggggcaggg cagacaacag ggtccctgtg tctcgggcag      240
caatgctgcc ccctttcctg cccaacatc ccagcagac acaagagatg gagactatga      300
gctgctctcg tggctgggtc tgggggtcc tgcacctca ggagctgacg ctgacgcact      360
ccactgcctg tcaccaggaa cctacctgc gccatcttca tctccatccc actggtgacc      420
ttcgtgtaca cgttcaccaa cattgcctac ttcacggcca tgtcccccca ggagctgctc      480
tcctccaatg cgggggctgt gaccttcggg gagaagctgc tgggctactt ttcttgggtc      540
atgcctgtct ccgtggctct gtcaaccttc ggagggatca atggttacct gttcacctac      600
tccaggctgt gcttctctgg agcccgogag gggcacctgc ccagcctgct ggccatgatc      660
cacgtcagac actgcacccc catccccgcc ctctcgtct gtgcccatac aggtgaacct      720
tctcatcccc gtggcgtaact tggcttctg ggccttctg ctggtcttca gcttcatctc      780
agagcatatg gtctgtgggg tggcgctcat catcatcctt acgggggtgc ccattttctt      840
tctgggagtg ttctggagaa gcaaaccaaa gtgtgtgcac agactcacag agtccatgac      900
acactggggc caggagctgt gtttctgtgt ctacccccag gacgcccccg aagaggagga      960
gaatggcccc tgcccacct ccctgctgcc tgccacagac aagccctcga agccacaatg     1020
agatttttgt agagactgaa gcagttgttt ctgtttacat gttgtttatt gaggaggtgt     1080
tttggcaaaa aagttttgtt ttgttttttt ctggaaaaaa aagaaaaaag atacgactct     1140
cagaagcctg ttttaaggaa gccctaaaat gtggactggg tttcctgtct tagcactgcc     1200
ctgctagctc ttcctgaaaa ggcctataaa taaacagggc tggctgttcg ctctgtctat     1260
ggggagtccc tgatgggcac agacgggagt ggctggggcg tacctcggtg ggtgcacaca     1320
tgttgctggc caggaagatg ccgtggcagg ccctggagga ggctcttgac attagggggc     1380
tttctgtctt gacacaggcg ctccctacca tggcaccag agtccccctg ccctaaaggg     1440
atgtcgagga tggggtagca gctcagtcgg cccctacccc agggccctcg atgccagtct     1500
gagctcggcc acccaggaga gctcaggggc tccaggctgg gattgtcttt cttcccgtaa     1560
atcaccacag agtgaaggtc aggacttcag agccacagt ctacccctgg cttacagggtg     1620
gggaaaccga ggccctgaga taggatggaa cagacgtggc cactgctgtt ggtgctcgg     1680
cctctctgtc cccagaaagc acagagcagc atgtcctggg ggctttgagg cctgcaggga     1740
actccagggg cttcatgtac agcaggcaca cccccagcc ctccacggt gcccaggaga     1800
ttggaccttc agggagggca aagggcgcct gcctggccag gggcatgagg gtttggcagg     1860
agccacccaa cccaggctct ccagaggcct tgctggacag gaagaggggt aggcgtgagc     1920
aaaatagtca ccacggatga gaccagcgt cccgaattcc tccacatgga ctagtgatgt     1980
cgaacaaann nnntgtctc a                                         2001
```

<210> 3721

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (38)...(399)

<223> similar to gi2258274 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3721

gccgatgcgc	aatccccggtt	cgagccacgc	gtccgggtgga	gacgcgctgt	cccagaagag	60
gtctgataag	ccgccctttg	ctccatctgc	agggctgaac	ctgaggctgg	tgaggagcag	120
gcaggtgacg	acagggacag	tggcgcccc	gtcctccagt	ttgactacga	ggcagttgct	180
aacagactgt	ttgaaatggc	cagccgccag	agcaccctt	ctcagaacag	aaagcgtctc	240
tacagagtga	tccggaagct	gcaggacctg	gcaggaggca	ttttccctga	agatgagatc	300
ccagagaagg	cctgcaggcg	cctgcttgaa	gggaggcggc	agaagaagac	gaagaagcag	360
aagcgtctgc	tcaggttgca	gcaggagaga	ggtaggacta	gggggtgtgt	tagtcatgga	420
gccggcgctc	tcacctgctt	gcttctcccc	tggatggggg	tcacctgcag	tgtctcccc	480
tgaagcatga	gtgccgagtc	ccccatcctg	ggtgcctgct	atccacgcac	cccggaaatg	540
ccctgtcctc	ggcatccctc	ctgtaggcct	ctccctgcct	ccccaccca	ccttcttgt	600
ctgcagctcc	cccagagctgt	gtgcgctgcc	ctccctcccc	gtctggagac	atcctcctgg	660
ctgggctgcc	tccttccgtg	cctccgacga	aatcgctcgac	ccgagaaatt	ccggagcggt	720
nnnaaagg	c					731

<210> 3722

<211> 1118

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1120)...(191)

<223> similar to gi2276308 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3722

attctatccc	ggtccacagt	ttaggaacca	tggacaaaag	tccaaggacc	agaggcatgg	60
agttttcatt	agaaggttct	gaattcatct	aatggctggt	tatttttaca	gatgccaaagt	120
ttacaaaaca	tacaagtgca	cagacaggtg	tgggaggtag	ctcgaaacat	acagagtgtt	180
cgcaacacta	gagacgtctt	ctggctgcca	tcaggggact	cggaggtagg	gtaggcttgg	240
tgaggccccg	ggcttgtgtc	cgtggcacag	cctcctgcaa	aggggctgcc	ctgctcccc	300
gttcccatgg	tgccaggccg	tgctccccag	gtgcctccgg	ggtgctgaag	atcttttcat	360
agtactcgat	cagcagttca	gtgaacatgt	tcaggggcac	aagggcactc	agggaggaga	420
ccccctggga	tggccagatc	aaattcagcc	cgaagacaca	ggccagggtta	gagctgttca	480
ttttgttgaa	gatgctctcc	cgggacaccg	catgcaggaa	gcccagtagg	tagcggagga	540
cgacgtagtt	gtgctctggg	aggctccgta	agatctggcg	gcagccagtg	acacgcaggc	600
tgctctccac	acaggtgatc	ccaagaatct	gctcgtaggc	ctggaaggtc	agaagcggct	660
ggggcagctc	tcgcaggaag	gtcttcagga	tcacggcagg	gatgtgaatg	tccccgtagt	720
cgtcaaagtt	cacgggcttc	cccttggttg	tagagcctct	ggatctcgcg	gacggctctgc	780
acgctggcgg	atctccggaa	caggccctcg	gtgcgcaggc	actattgcag	actgaccca	840
aactgctgtg	tgggcagcgg	gggcccgcgg	ggtggtgtct	tgggtggagg	cggcgtccgg	900
cctcgtgca	ggctctggag	cttctcatcg	tccgcaaaac	ttcgggaggg	atgaccagct	960


```

ggtcgtatatt aagggtgttcg tggagctcac tcaggtagtt gaaatagatg actttcttcc 1020
caaacttgtg ctgatgaggg gcttcaagat gttccacagg accttgatga agctgggtggg 1080
gtgcaccacg tagagggcct tcaagttctt cttgtacc 1118

```

<210> 3723

<211> 897

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (38)...(427)

<223> similar to gi2342647 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3723

```

gcgtacctct gccctttgct gccctgtttc tctctctccc cacaggccgc aacaccctgg 60
cccagcctcc cattccctgc tggacgccct ctccccaggg cgcacagggc tggttcctcc 120
gaggcacctg gcttccagt atggacctct ggccctgccc caacctgcgc acttggggcc 180
tgacaggcgt tccccgattc atccctccag gaacaagaaa accaaacact gcatttcttg 240
caataagtgt gtgtccggct tcgaccacca ctgcaaattg atcaacaact gcgtgggaag 300
ccggaattat tggttcttct tcagcactgt ggccctagcc acagctggca tgctctgcct 360
gatcgccatc ctgctgtatg tctcatcca gtacctctg aaccccgagg tgctccgcac 420
ggaccccagg tatgaagcag cgccaggacc ctgaccagga ggacctgggc cagagaagcc 480
cctcgggggt caggacaaga ctgccagtct cagccccagg catggctgca cccgcaactgc 540
acacggcccg ggtggcgaga caggaggagc ttgctgccc ttgttcaga acattccgga 600
gccaacacgg tgtgacattt tttcaagga tgagctttgc cagctccacg tgggaagtc 660
taaaactcct ccttccactt cgaagcgtga ctgatgcctc cagggcctca cagccgcttc 720
tgaagcactt cctgaaagcc agctccaccc tggcgaggcc ctgacctcag cggacccaag 780
cccaggacga tgctgttgc gttcttctcc ccctgtagca agtcaccttc cccagcagcc 840
tccatgttgt ctgggctctc cctgtggggg atgccagggg agagtgagag agcacag 897

```

<210> 3724

<211> 1093

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (874)...(110)

<223> similar to gi5689523 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3724
gcccccgctg ctgcgggttcc agcgggtcct gtgcggggccg cccagccggg aggggggtccc 60
gggaggggtc ggctctcctg gtgctgatga tggcagagcc ttacaggagc ttccccgctg 120
agcaagggtc ccaggcagca ggggtggttag cggcgtgggg ctgcctatca cctgctgtc 180
gtcggcgctg ggcgggcccc acaggctgct ggagtagctg gggcaccgag cccacagca 240
gtcactgct ccccttgcca ccaggcacg gggcggtcca gtggccagcg tcgctgcgta 300
ccaggccatg ggagctgccc gctgcgctga gccgcggctg gctggacgag ctgctggact 360
gccagctgga agtgggtggc agcgccctggc cttgggctaa gaagcgattc acttcttctt 420
caccagcgaa ctgcggccagg atggtagtgt ttcccaggac gcacatgtgc agagacttct 480
ggggccttgg cagcctcctc cttggagctg taccggacca cagcattgcc ttgagtcaga 540
ttcaggtgga atgtgataag aggcccatgt tgcaaacaca atgtccgcag tgtagaacca 600
tcaatctggg gagtgaggtt tcgaagaacg agccagctgc tggttcttcc tgaggtgtcg 660
gtgctccagg cagaaccgca ggagtaggag ctggtccagc cgaggggggt ggcacccag 720
gtggaggagg gcttgggatt ggtaaccct ggaggtggcc tcgtgggtgc agtactgttt 780
ctgggcacct tccatagttc atgagacaga gaggcttgcg tgtgggaggt agggccagag 840
gaccacgtcg atttgatgtc tgacagttaa cctagaaagg cagagagatg gagcatatgc 900
agtcttgaga caaagaagaa aactcactgc tgtgtttggg gagccacaca gagtgtctc 960
taacaccagc agactgtgtg ataggcaaag aaacaccaag tcaagcccct ggcaaactca 1020
agtaaccaca aattcccaga agtgttttgc ctctaagttt tcaaaacctt gcagagcccc 1080
tgtcttgacg aaa 1093

```

```

<210> 3725
<211> 7150
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(7151)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (3)...(5079)
<223> similar to gi533095 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3725
gaattccaga gggcccgccc ttctggcaga acacacctct tctttggtgc cttctctgca 60
tatcaccaca ctgggtcaag agcaagccat cctttctggg gcggttccc catcaccatc 120
aactgggaca gccgactttc cctccatact tactttcctc cagcccacag agaatcatgc 180
ctccccatct cctgtgccag aaatgccac tcttccagca gagggcagtg atgggtcccc 240
tcttgaact agagacttgc tcctctcaag caaagttcct aatcttcttt ccacatcttg 300
gacatttccc cggtggaata aggacagtgt gacagccatt ttagggaaga atgaagaggc 360
aaatgtgacg attcctctcc aggcctttcc aaggaaagag gttttgagtc ttcacactgt 420
aaatggattt gtctctgatt tcagcaccgg tagtgtctca tctcccatca ttacagcacc 480
aaggacgaat ccccttcctt caggaccacc tctaccttcc atactctcca tacaagccac 540
ccagactgtt tcccatctc tcttggcttt ttccagcacc aagccagagg tttatgcagc 600
tgctgtggac cattctgggt tgccagcttc agtcccaaaa caggtgagag catcgccctc 660
ctccatggat gtatatgatt ccttaacaat aggagacatg aaaaagccag caaccacaga 720

```

tgttttctgg	agttctcttt	cagcagaaac	tggatctctt	tccacagaat	caataatate	780
tggtttgcag	cagcaaacaa	attatgattt	aatggacac	acaattagca	ccacaagttg	840
ggaaactcat	ttagctccaa	cagctcctcc	caatggttta	acttcagctg	ccgatgccat	900
aaaatctcag	gatttcaaag	atactgctgg	gcattcagtg	actgcagaag	ggtttagtat	960
tcaggatcta	gtcctcggtg	caagcattga	gcagcctgtg	caacagtcag	acatgaccat	1020
ggttggaagc	catatagacc	tctggcccac	aagcaataac	aaccattcca	gagacttcca	1080
aacagctgaa	gttgcatatt	actcaccac	aactcgacat	tccgtgtctc	atcctcagct	1140
acagttgccc	aaccagccag	cacatcctct	tttgctaacc	tcaccaggac	caacttctac	1200
aggtagcttg	caggaaatgc	tttcagatgg	aacagatata	ggttctgaaa	tttccagtga	1260
catcaattca	tcacctgaga	gaaatgcttc	cacaccattc	cagaacatct	tgggatataca	1320
ctctgctgct	gaatcttcta	tatcgaccag	tgtctttccc	aggacctcct	ccagagtgtc	1380
gcgggcttct	cagcacccca	agaaatggac	agcggacaca	gtatcatcta	aggtacagcc	1440
aacagcagca	gctgccgtca	cattgtttct	gaggaaatca	agtccacctg	cactgtctgc	1500
agccctgggt	gctaagggca	ccagcagcag	ccctttggcc	gtggcctcag	gaccagctaa	1560
gagcagttcg	atgactactc	ttgctaaaaa	tgtcacaac	aaggccgcat	ctggcccaaa	1620
gaggacacca	ggggcagtc	atacagcctt	cccattcaca	ccaacctaca	tgtatgcaag	1680
aacaggacat	accacgagca	cacatacagc	catgcaagga	aacatggaca	ctgcctctgg	1740
cctgttgtct	acaacttacc	tccccaggaa	accacaagcc	atgcacaccg	gcctcccaaa	1800
ccccaccaac	ctggagatgc	ccagagcatc	cacgccacgc	ccactgacag	tcacggccgc	1860
gctgacatcc	attacagcct	cagtgaaggc	cacccggttg	ccaccattgc	gagcagaaaa	1920
cacagatgct	gtccttcctg	ctgcatcggc	tgcagtggtc	acgactggca	aaatggcatc	1980
caacctggag	tgtcagatgt	ccagtaagct	cctgggtgaag	acagttctct	ttctcaccca	2040
aaggagagtg	cagatcagtg	aatccttgaa	gttcagtatc	gccaaagggc	tcacacaggc	2100
attgcggaag	gctttccacc	agaacgatgt	ctcagctcac	gtggacattc	tggaaatattc	2160
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<211> 1652
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(1203)

<223> similar to gill109880 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3726

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ggccctttta	aaggaaccaa	tttaacgcc	cgggggttgg	gaaggaaaaa	tttttttaag	1560
ggggcccaa	aattaaatc	cggggccggg	gtttaaaaac	ggggggaggg	gaaaaacccg	1620
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<210> 3727

<211> 1790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(806)

<223> similar to gi5870832 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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agaggcagct gaagaagcag tactactttg actgcacatg tgaacactgc cagaaaaaac      180
tgaaggatga cctcttcctg ggggtgaaag acaaccccaa gccctctcag gaagtgggtga      240
aggagatgat acaattctcc aaggatacat tggaaaagat agacaaggct cgttccgagg      300
gtttgtatca tgaggttgtg aaattatgcc gggagtgcct ggagaagcag gagccagtgt      360
ttgctgacac caacatctac atgctgcgga tgctgagcat tgtttcgag gtcctttcct      420
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agctctacca ccccaacaat gccaactgg gcattggcgt gatgcgggca gggctgacca      540
actggcacgc tggtaacatt gaggtggggc acgggatgat ctgcaaagcc tatgccattc      600
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agacggagat ggagctacgc atgttcgcgc agaacgaatt catgtactac aagatgcgcg      720
aggtgcctt gaacaaccag cccatgcagg tcatggcga gccagcaat gagccatccc      780
cagctctgtt ccacaagaag caatgaggac tgcccagtgg aggaggggag atgtggctgg      840
ggagctaggg agagactctg gaggtggtgg gtctctgggg agaccctaa tgagggaagt      900
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agtgaagctg agagagaatc ttggaaacac acatacctgt tgatcatggg ccctgcagaa     1740
ttggcccttg ggggctttat ttggttacgt gtgcctgggt ggtctttacc     1790

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<210> 3728

<211> 1447

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1449)

<223> similar to gi6016005 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3728

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atggtggaga agggcccccga ggtctcaggg aagcggagag ggaggaacaa cgcgcccgcc      60
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actgccgcct	cgggcgcgcg	cgccctcctca	gcctcgggcg	ccgccgcctc	agccgcgcgc	180
gcccccaata	atggccagaa	taaaagtttg	gcggcggcg	cgcccaatgg	caacagcagc	240
agcaactcct	gggaggaagg	cagctcgggc	tcgtccagcg	acgaggagca	cggtggcggt	300
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gatttgccca	actttacccc	tttcccagat	gagtggactg	tggaagataa	agtcttattt	600
gagcaagcct	ttagtttttca	tgggaaaact	tttcatagaa	tccaacaaat	gctttccaga	660
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acatggtaaa	gaagagacca	atgggcccag	taaccagaag	cctgtgaagt	ccccagataa	1380
ttccattaag	atgcccgaa	aggaagacga	ggctcctgtt	ctggatgtca	gatatgcata	1440
tgccctcc						1447

<210> 3729

<211> 897

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (900)...(388)

<223> similar to gi5640017 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3729

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aataaagtgc	tttggcccac	tacctgaata	aaggcaaacc	tgcaattgag	tggagccctg	180
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aagcctttag	cattttctcag	atcctcacc	acctgtcctg	agtcggcatg	tccgggactc	360
tctccacttc	taccatgttc	ctagttaactc	tccggcgtgg	agtctctgat	gtctaacgaa	420
ggcagagctg	caccggaagg	ccttcccaca	ctcgctgcat	tcgtagggtt	tcacgcctgt	480
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acgctgcgca gtaactgaag gccttccac actcgtgca cttgtagggc ttctccc

897

<210> 3730

<211> 3788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(2384)

<223> similar to gi3043558 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3730

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cccccatgtc	agtggcttag	gatggccagt	gaaggcacca	acatcccaag	tcctgtgggtg	180
cgccagattg	acaagcagtt	tctgatttgc	agtatatgcc	tggaacggta	caagaatccc	240
aaggttctcc	cctgtctgca	cactttctgc	gagaggtgcc	tcgagaacta	cattcctgcc	300
cacagtttaa	ccctctcctg	cccagtgtgc	cgccagacct	ccatcctgcc	cgagaaaggg	360
gtggccgcgc	tccagaacaa	tttcttcac	acaaacctga	tggacgtgct	gcagcgaact	420
ccaggcagca	acgctgagga	gtcttccatc	ctggagacag	tcactgctgt	ggctgcggga	480
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gagaattcat	gttgaagttt	ggctcaaatg	gagaaggaaa	tgggcagttt	aatgctccaa	2160

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tctgggttag	acaaagatcc	ttttttgtgt	gttcttttca	ccaccccttt	ggctcacctt	3060
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ttaatgaata	gtagagggtg	ccaagggacc	tatgtatata	tgattagggg	aagatagaat	3540
gtattatata	tatatatata	tatacacaca	ccacatata	atagctgaat	ctttggtgta	3600
ttgaaatagg	cagcactctg	aaagacagaa	gcttcgtcca	gccactcttc	agcacattcc	3660
tttactaagc	agtttaagc	cgtcctagtg	gagcaagccc	taaagcagat	ttaatttttg	3720
ccattttcca	agaatgacgg	tggtggcttt	tagtcagaaa	atggccttct	gtgctttcaa	3780
aaaaaaaa						3788

<210> 3731

<211> 574

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(381)

<223> similar to gi3041847 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3731

tctggatcga	ccagtcaggg	gacatcgaga	ttgtgaacca	taagaccaat	gaccgggtgcc	60
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ccagccacct	ctaagcacc	cagggggccc	agggcagagt	ctgcacctac	gctggtcctg	180
ccaatgtcca	caggtgacag	gagtgggtgag	tgacagccag	ggcaaggccc	attacgtgct	240
gtccggctcg	tgggatgaac	aaatggagtg	ctccaaggtc	atgcatagca	gtcccagcag	300
ccccagctct	gacgggaagc	agaagacagt	gtaccagacc	ctgtcagcca	agctgctgtg	360
gaagaagtac	ccgctgccgt	gagtagggct	ggcaggggcc	ccgccacagg	caaaggagag	420
ggaaggaggt	cagtggacag	aaagcaactg	acaggcacag	gaggtcggga	gggttcagtc	480
cacacatggg	cagagaacag	tattatgcag	ccgacatccc	agtgtgaagg	cagacaccga	540

<210> 3732

<211> 3438

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (821)...(1863)

<223> similar to gi2565065 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3732

gcgccggagt	tcccgaatga	cgatctatgg	tcgcttcgcc	attcgcgcta	agccatagtg	60
gaagatgtca	ggcttcagaa	cctctagtaa	agcagtatta	acggccatta	caccttcagc	120
agcaatgcct	tcctcggcca	tggcgggtggg	atacggatga	agctgaatct	tgaacgcacc	180
caagcctccg	cctccgcgcg	actcgggtgga	ggcgggtggcg	gccaagcggg	atacgggagg	240
cgggagctgg	ggaacaggca	tggacgtttc	cgggcaagag	accgactggc	ggagcacccg	300
cttccggcag	aagctgggtca	gtcaaatcga	ggatgccatg	aggaaagctg	gtgtggcaca	360
cagtaaattcc	agcaaggata	tggagagcca	tgttttctcg	aaggccaaga	cccgggacga	420
atacctttct	ctcgtggcca	ggctcattat	ccattttcga	gacattcata	acaagaaatc	480
tcaagcttcc	gtcagtgtac	ctatgaatgc	actccagagc	ctgactggcg	gacctgctgc	540
gggagccgct	ggaattggca	tgcctcctcg	gggcccggga	cagtctcttg	gcgggatggg	600
tagccttggt	gccatgggac	agccaatgtc	tctctcaggg	cagccgcctc	ctgggacctc	660
ggggatggcc	cctcacagca	tggctgtcgt	gtctacggca	actccacaga	cccagctgca	720
gctccagcag	gtggccgctg	cagcagcagc	agcaacagca	cgcagttcca	gcagcagcag	780
caggcggcgc	tacagcagca	gcagcagcag	cagcaacagc	aagcagttcc	aggctcagca	840
gagtgccatg	cagcaagcag	ttccaagcaa	gtagtgcagc	agcagcagca	gcttccagca	900
gcagcagcag	cagcagcagc	atctaattaa	attgcatcat	caaaatcagc	aacagatata	960
gcagcagcaa	cagcagctgc	agcgaatagc	acagctgcag	ctccaacaac	agcaacagca	1020
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gccaccgatg	cagcagccac	agcctccgcc	ctcccaggct	ctgccccagc	agctgcagca	1140
gatgcatcac	acacagcacc	accagccgcc	accacagccc	cagcagcctc	cagttgctca	1200
gaaccaacca	tcacaactcc	cgccacagtc	gcagaccag	cctttggtgt	cacaggcgca	1260
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ccagccgtcc	ccgcagcccg	gccagcccag	ctcacagccc	aactccaacg	tcagctctgg	1560
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ccaaacagca	gtacctatgc	cagccgctcc	tggatgccgt	cctggccaac	atccgctcac	2040
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cacccatcac	ggccccagtg	gtgtgcaccc	ggaagcgcag	gcttgaggat	gatgagcggc	2160

agagcatccc	cagtgtgctc	caggggtgagg	tggccaggct	ggaccccaag	ttcctggtaa	2220
acctggaccc	ttctcactgc	agcaacaatg	gcactgtcca	cctgatctgc	aagctggatg	2280
acaaggacct	cccaagtgtg	ccaccactgg	agctcagtgt	gcccgtgac	tatcctgccc	2340
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tgctcaacac	ctgggcccag	agcgtccacc	aggcctgcct	ctcagccgcc	tagccaagac	2520
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gaggaagcct	gcaagtccag	ggcacaggct	gccttttgga	gggagggctg	gcccataggt	3060
gctgctggct	ccccgccacc	agctgggcct	cagccctcac	ggcattcctg	ctgagcaccg	3120
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cagagcacca	cacactgagc	acccagagac	agcgggcctg	gcagcgggpc	gggccatgca	3300
gggagcgcct	ccctatgttg	cctgccactc	tgggcaccgg	ccagcaccct	ctggtgagaa	3360
gaggtccccc	ctttttatgt	gcactacccc	accatctgtg	attataataa	atttattatt	3420
cctgtgttaa	aaaaaaaa					3438

<210> 3733

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (784)...(392)

<223> similar to gi3876099 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3733

tttttttttt	ttaattatga	atgctctttt	attaaataat	tatgacacaa	atgacagcca	60
aaatatttat	tattgggttaa	tataccagtg	gaaaatctct	gacctaaaac	aaatttttga	120
gccactggaa	aagtgaactt	tctcacagaa	atattttaatg	ttgtcaaaaag	aatactctgt	180
tttaacaata	actccattaa	tttattactt	taaaagatgc	acagtgctgc	ttttacacat	240
taaaatttca	gtgacatcaa	caacataact	atatgttaat	attttgaact	aacatttcaa	300
atgtagactg	accacatggt	tgatttaaag	cttaaagaat	caatgttccc	ttttgtgaag	360
atggcttttg	ttgtcattag	attctactga	tttttttagga	atagagctgc	tccacactga	420
atccactggt	cttgggttgcc	cccacatgga	acatcaatat	tggttaaccac	acgatccctt	480
tcagcacttg	tgtaaacagg	caaagagatg	cactcatccg	gagaatatgg	accacatgca	540
tcctgtggaa	tccagcccat	aaaacaaggg	agcactgatg	acacgctggg	agaatcaagc	600
tgattttcag	aaagttgatt	tccatcaaaa	ctacatcctt	ctagtaacaa	gccactgatc	660
ttaatattgta	gcttttgcttc	ttgcagtcga	cccttccatg	aggctacaaa	ttttaggcta	720
tccacagaac	gacccacttg	cccttgcagt	tttcttgcca	agagcattta	agaaatgtgt	780
tgg						783

<210> 3734
 <211> 1274
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1194)...(234)
 <223> similar to gi4753887 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3734

tttttttttt	ttactacaaa	ctgtttaatt	gtttcttatt	ccaataactt	tacaaatata	60
gaaccacatg	ctagtctggg	ggtgctgtgc	agtgaagtcac	tacaaactcg	ctcaggcaca	120
gcttaatgcc	gctgagatcc	atctaggagc	agtcccagcg	gtggcctcag	ccacgtgagg	180
aagagggctt	tgaggagggg	ctgccaagtg	tggccagggg	acccggcctc	aggtctgtgg	240
aggtgcttca	acagcacgat	gctcattctc	tgtccgtagt	gtctccatat	actttctcat	300
cttctccacc	atccaggagg	gtaggacaaa	ggatttcaat	tcctctagct	tcagatccag	360
gcacccctctg	taatcatcac	tggccgcaag	gtcccggatg	tcctcctcga	tgaggaggta	420
ggccatcttg	ccccctgttg	cccgcattgt	atgctgctca	gccagccagt	gcttatcctg	480
ggggctcagct	gcatacttaa	agaggtgtgg	gtgcttgatg	tagattcttc	ctctgggtgcc	540
ccccatcccc	agggctttgt	tggctcgaga	tcccaacaca	aaggtggtag	attcattcag	600
gcgagctggg	tcccacttgg	ggccttcccc	gcgaattggg	tcacaggatt	ttggtttcca	660
taccatgccg	gcggctgccc	ggctcgctga	caggatgtgt	ccaggaggcc	gtcctttcct	720
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tattcctgga	agctcatggg	tcaatctggg	tattactttt	tctccatctg	aaaagagcag	840
tttagcctgc	tccaggcagc	tccgacaggc	ttcctggatc	agctgctctg	cgtccacctc	900
ctccccaaqa	ttgtctcgca	cgttcagtgc	tgccttcttg	aagaacttca	tgtacttggt	960
gaagacagtc	tggatctcct	cgttgatgct	gggctgcagg	acagctcgga	ggagatccat	1020
ggagatggca	ggatctgtga	aacttggtgt	catctgtgag	cggcgggccc	tccgctgcac	1080
ctgccgggtgc	tttatcatta	tgttccaagg	gttcgtaaga	accagctgcc	ccgctgcgcc	1140
cgcaccccc	agctccaagc	cgccctctc	ggccccgctg	ggccccgcg	gctgctcggc	1200
gtcgccagtg	gctcccatgg	cgctccggc	ccccacaact	ccgctggact	ctgtccggac	1260
gcgtgggtcg	agcg					1274

<210> 3735
 <211> 2748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (183)...(442)
 <223> similar to gi625042 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3735

tgaagtcttg	ctcgtgtttg	agttgtttgc	ttgtgttcaa	aactaaggct	acttgaaatg	60
tgcatattta	ccatgctaaa	tttatagctc	taatatttga	tgactaatat	gttaaaggta	120
ttatctaagt	gagaaagaaa	aaagtccatc	tctgcaaata	ttagatacgg	tacatacttt	180
gaatatccag	agtttgtaat	atgttatatt	tggacagggt	ccctgaagaa	tttgacaaga	240
cgtcatttca	caaagtgcgc	cattctgagg	atatgcagtt	tgcttctct	tatttttatt	300
atctcatgag	tgcagggcag	ccactgaata	tatctcaagt	ctttgatgaa	gttgatacag	360
atcaatctgg	tgtcttgtct	gacagagaaa	tccgaacact	ggctaccaga	attcacgaac	420
tgccgttaag	tttgaggat	ttgacaggtc	tggaaacacat	gctaataaat	tgctcaaaaa	480
tgcttcctgc	tgatatcacg	cagctaaata	atattccacc	aactcaggaa	tcctactatg	540
atcccaacct	gccaccggtc	actaaaagtc	tagtaacaaa	ctgtaaacca	gtaactgaca	600
aaatccacaa	agcatataag	gacaaaaaca	aatatagggt	tgaaatcatg	ggagaagaag	660
aaatcgcttt	taaaatgatt	cgtaccaacg	tttctcatgt	ggttggccag	ttggatgaca	720
taagaaaaaa	ccctaggaag	tttgtttgcc	tgaatgacaa	cattgaccac	aatcataaag	780
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cccaatttga	actgccaaag	gagtatcgaa	accgtttcct	tcatatgcat	gagctgcagg	900
aatggagggc	ttatcgagac	aaattgaagt	tttggacca	ttgtgtacta	gcaacattga	960
ttatgtttac	tatattctca	ttttttgctg	agcagttaat	tgcaacttaag	cggaagatat	1020
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tcatttgaaa	accatctacc	tcagcattta	ctgagcattt	taaaactcag	cttcacagag	1140
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gctgttttgt	ggcatgaata	tagccactg	accaggaatt	atttaaccaa	cccactgaaa	1260
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tcctcctttt	tataaaaagg	ctcactgaca	agagacagct	gttaatttcc	cacagcaatc	1380
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atttttaagt	agttactaag	ttaactagtt	attcttgctt	ctgagtataa	cgaattgggg	1560
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accagatgta	attatgtttt	ggaaatgtac	atattcaaac	agaagtgcct	catttttagaa	1860
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ttgtaaaaag	ctggttagta	aattattgca	ggccacctgt	gtctttgtca	tacattcttc	2040
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agcttgagc	tgtacaaaaa	ctgcccacca	gccagatgtg	accctcaggc	catcatttgc	2160
caatcactga	gaattagttt	ttgttgttgt	tggttgttgt	gtttttgaga	cagagtctct	2220
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aactctgaca	ggtatttttag	atcatgatct	caacaatatt	cttccaaaat	ggcatacatc	2640
ttttgtacaa	agaacttgaa	atgtaaatac	tgtgtttgtg	ctgtaagagt	tgtgtatttc	2700
aaaaactgaa	atctcataaa	aagttaaatt	tttgtctgaa	aaaaaaaa		2748

<210> 3736

<211> 4917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4918)...(0)

<223> similar to gill136426 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3736

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attcttgcac	aatccatgag	ttagggcaaa	actcccttca	acttacagta	agatccctact	180
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gagcatcaga	agtatatgaa	aacgataaga	agtgattctg	atttcaaagt	acattgtttg	300
gaaacattaa	caaaaacatc	aaaatgatag	aagtatacct	gcttctacta	aattcttgat	360
gggaaagttc	tcaagaacaa	gcaatttggt	tcctgctaca	gaaggggggg	gtgggttttt	420
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aaacagcaac	aaagaacaat	aatgcataca	gcagtgaata	caccagggtg	atgttgatat	540
tcgaaacggc	tagataattt	ttgggggggt	ttagaataaa	tgcaacagag	gtcaataatc	600
acaaaatttt	aaggttagag	caagatcagt	caatgactaa	acagagttaa	catcttttat	660
aggactatta	ctgattatta	gcatttttgt	tttgcaaatg	ggcacatact	gttaagaatg	720
gaagaaagga	cgataacatg	catattaact	acacacttta	aaaattatga	accatgcaga	780
agtttagctc	aagtagtagt	actaatggtc	tacatccgat	tcaaaaccac	atagttcatt	840
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gaaacagcaa	ttttgatttc	acccttcgtc	aggacatgga	agatgtaggg	gtacatcagc	3240
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gaccagctcg	gtgtagaagc	cgccgtagag	gcggtgcagg	cagttgtcgg	cgccaccag	4800
caggcgcagc	ggggtctgcg	ggggccgctg	ccgccgcgcg	cccaccaggc	tgccccgggc	4860
cagcttctgc	agctccaccg	gcaccacggc	gctcgggcag	tgttctcga	tgtagtc	4917

<210> 3737

<211> 1858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1023)

<223> similar to gil710222 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3737

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aactaagggg	acttgatcct	tcacttggtg	cagcaaata	cagtcctagt	ggcatgcaga	180
cacgctgtgt	ctgggtctct	ttggcttctc	cgtctacgag	cattttaaag	agaggactaa	240
aaagatccca	agaagatgaa	atctcatcac	ctgttaataa	ggttcgccgt	gtctcctttg	300
cagatccaat	ataccaagca	ggattggcag	atgacattga	tagacggtgc	tcttattggt	360
aggtcccatt	cttccaatag	ttctcccata	gggaaaaagt	gttaaaactt	ctcctactta	420
cacatctaag	gtttcagaaa	tggccaaaga	atccatacca	tgcccaacag	aaagtgttta	480
cccaccattg	gtgaactgtg	tggcaccagt	tgacatcatt	ttacctcaga	ttacatcaaa	540
catgtgggca	agaggcctgg	gacaactcat	tagagctaag	aatataaaaa	ctattggtga	600
tttgagtact	cttacagcat	ctgaaataaa	aactcttctc	atccgttctc	caaaagtgtc	660
caatgtaaaa	aaggctctca	gaatatatca	tgagcagcag	gtgaagactc	gtggactaga	720
agagattcca	gtttttgata	tttctgaaaa	aacagtaaat	ggaatagaaa	ataaatcttt	780
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attatccaaa	aaccttgtgg	cacagattag	tgctcttgct	cttcagctgg	attcagaaga	900
tcttcataat	tattcaggaa	gccaaactatt	tgaatgcac	gagaaactaa	gttgatggc	960
aaactctgta	ataaaaaatc	tacagtcacg	ttggagatca	ccatcccatg	aaaattctat	1020
ttagtatttt	cagagaaaaat	tgaaggtttt	tttaaaccatc	actggatttc	ttgattgagg	1080
aaacaagttc	tgaataata	gcacaatttc	aaagaagaga	ctctttgcaa	agttgataac	1140
atttcaaacc	ctgaaggaca	gtgacttatt	atgtaagttc	aatggtgtaa	gttcattatg	1200
taagatcctt	ttttttttca	taatatgtat	tcttggtctg	tatgcgtggt	ttttcaggaa	1260
atttaattat	cttactgaga	tgtgaaagca	aaactagtaa	cagaacttac	attttatttc	1320
atgctttctt	aaaccctgtc	atattctggt	gaaacatgta	aaatacttta	agtaaaattg	1380
aacattttta	tttgaatttt	tgctgaactg	ataaagggtg	ttatattttt	gtttgttggt	1440
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caaatgaaat	gcgaaagaat	ttgaattttt	cctgcataatg	tcaactttgg	acagctttca	1560
agaaaaatga	gaaaagtttc	aacttctggc	ggttaaaata	ttaatgcaga	atttactaag	1620
attttattca	tatgcattag	caaataattca	tgcagcagca	gttgactgaa	aatttattct	1680
tatgagacgt	atagtattca	tttttaaatg	catgattgta	cattatgtat	agacgacaat	1740
gtttttaatt	tataaatttc	attctttggt	aattgcatgg	gtttttctgc	agcttattgt	1800
gaataccttg	gttctgttca	atagaaacat	tttgatatata	ttgaatactg	aaatatca	1858

<210> 3738

<211> 2049

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (629)...(80)

<223> similar to gi55471 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3738

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cagacctttg	tgccctggag	ggagccaacc	caccctgaca	cggagacact	ggcagaatag	180
accagagtgc	ggcaaagggt	tcgcggacag	ctccgcccga	gtcaaacacc	tccgcacca	240
cagtggcgag	aggcccatg	cctgcccggg	atgcgaccgt	accttcagcc	tcagctccac	300

ccttcttcgc	caccgcctca	ctcacatgga	gccccaggac	ttcagcttcc	caggetatcc	360
cctacccgct	ctgatcccca	gcccaccccc	accttctctg	ggcaccagcc	ccccgctgac	420
acctcgaagt	ccctcacact	cgggtgagcc	ttttggcctg	cctggcttgg	agccagagcc	480
tgggggcccc	caggctgggg	agccaccccc	accactggcg	ggcgacaagc	cccacaagtg	540
ccctgagtgt	ggcaagggtt	tccgccgaag	ctctgacctg	gtgaaacacc	atcgtgtgca	600
cacaggggag	aaaccttacc	tctgtcctga	atgcggcaag	ggttttgctg	acagctcagc	660
ccgagtcaag	cacctccgca	cccaccgtgg	tgaacggggc	cggccaccac	caccatccac	720
tctgctgcgg	ccacataacc	cacctggccc	agtacccatg	gcccctcgac	cccaggttcg	780
ggcccagcct	tctggaccca	gccagcccca	cgtgtgtggc	ttctgtggga	aggagtcccc	840
ccggagctca	gatctgggtc	aacacaggcg	tacacacacg	ggggagaagc	catacaagtg	900
tgcagagtgt	ggcaagggtt	ttggtgacag	ttctgcccgc	atcaagcacc	agcgtgggca	960
cctggctcctg	acgccctttg	ggatagggga	tggtagggca	aggccctcca	agcaggaggc	1020
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aaccttgctc	tgggagacca	atgcctgaac	cagggtttgt	ttaccttctg	agctgcagag	1560
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tggtggatag	cagaggccag	ctgtttggga	aaagggcagg	atgctctgag	gcctggcagc	1860
cacatttcca	tgtgtctttt	taccaataaa	cggcttctct	tctgaggctt	ggacagtgtg	1920
tgtgtacaca	caggcatgaa	aaaggtggag	aggggtctct	gcgcgcaaaa	ctcagactgt	1980
aaattttgtg	tggttccctt	gctctttgag	cccattaaat	aaaaaggttg	ttttggcgta	2040
aaaaaaaa						2049

<210> 3739

<211> 1538

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1539)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (6)...(751)

<223> similar to gil845345 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3739

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ggcccatgtg	ttttctggtg	aagaggagct	tccccaggac	tccctcagtg	ccccttcggt	180
ggcctccaga	ttcattgatt	cccacacacc	ccctctccgc	cccacccctga	agaagacggc	240
cagcctgggc	ttctgtgtca	cctacgtctt	cttcatcacc	agcctcatct	accccgccgt	300
ctgcaccaac	atcgagtccc	tcaacaaggg	ctcgggctca	ctgtggacca	ccaagttttt	360
catccccctc	actaccttcc	tctgtacaa	ctttgctgac	ctatgtggcc	ggcagctcac	420
cgcttgatc	caggtgccag	ggcccaatag	caaggcgctc	ccagggttcg	tgctcctccg	480
gacctgectc	atccccctct	tctgtctctg	taactaccag	cccccgctcc	acctgaagac	540
tgtggtcttc	cagtcgatg	tgtaccccg	actcctcagc	tccctgctgg	ggctcagcaa	600
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tgaggccacg	ggagtgggtga	tgtcctttta	tgtgtgcttg	ggcttaacac	tgggctcagc	720
ctgctctacc	ctcctgggtg	acctcatcta	gaagggagga	cacaaggaca	ttggtgcttc	780
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ctgggggtcaa	gatgaagggg	cttttcagtg	tttncctggt	ttacaacatg	tcaaagccat	1500
tggttcaagg	gcgtaataca	atacttgctg	attcaaaa			1538

<210> 3740

<211> 670

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (630)...(352)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3740

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attaatatc	ctgttgataa	gactttgtaa	gatgttaggg	agctgataat	ggaggggggt	180
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<210> 3741
 <211> 4539
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4540)...(1914)
 <223> similar to gi2661424 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3741

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<210> 3742

<211> 4063

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4041)...(1075)

<223> similar to gi50479 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3742

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<210> 3743

<211> 688

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(229)

<223> similar to gi403020 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3743

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cagctgccct	ggcaaggaac	aacagccgtg	ttagccctgt	gcctctttct	ggggctgctg	180
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gctgtgataa	gtgtaccttc	acctgtccca	ggtgatgaga	gcctccagca	acatatagaa	600
aagcacaatg	aactgaaacc	ttacaaatgc	cagctctgct	actatgagac	caagcacacg	660
gaggaaactg	acagccacct	tcgggatg				688

<210> 3744

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(213)

<223> similar to gi4580997 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3744

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cctagcctgc	ttgctccttt	gccggttagt	atacaaagag	atcttggcct	ggaagggtgc	180
cctgagcaga	ggcagcgggt	ataaagaaat	atgaggcccc	aattggaaca	gcagcatgga	240
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caggaaggc	aaaccctctt	tattgaacat	tagccagccc	agcccagacc	ccagggtctgc	360
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caggggcctg	agctctggaa	gctgcaagca	aaagggatgg	gactagggtc	gagttgtgtc	480
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tctttgtccc	tctatccatg	caacagtctt	ctctgtgcat	ttccccaagc	tgggccctct	720
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<210> 3745

<211> 4372

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4373)...(713)

<223> similar to gi4240217 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3745

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ctaagctgca	tcaagtgaag	caaatacaaa	atgctgtccc	tcctccctgg	gctcggaagg	180
cagtgcactt	tctccctctt	aacagcccag	actagcgggt	gaggagtcag	tgctgtgacc	240
ccagggccaa	gctggagtgt	ccgcatagct	ttttctctga	ccagtgggga	ttccatctac	300
cttgaggcgt	gctggcctgg	gccccgtttc	cacaccagca	catggtgaga	cagggtagct	360
tatcaacagg	ctgctgggcc	ttaatactga	cagtgagtgt	tgggccgggt	cacagccagg	420
ggaaaggact	taacacagat	tgccctccca	agccccact	ggctgggcct	aatttttagga	480
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gctgatggcc	ctccctgtca	agcacttcca	ctgactttgg	gggcaccatg	ctgtcttccc	4140
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cctcgagcct	tgtgtgtggg	aggcctagag	gtgccctagt	ggcttggact	ggttggcctg	4260
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<210> 3746
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(632)
 <223> similar to gi2507613 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3746

ctattcagtg	tgggtggaatt	cctcttctgc	cccttccttc	cccgtcagc	atggcccctg	60
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acagtgcctg	caggccccac	caaggggctc	tgggtggagag	gattatcca	cacccccctc	180
acagtgccca	gaatcatgac	tacgacgtcg	ccctcctgag	gtccagacc	gctctcaact	240
tctcagacac	tgtgggcgct	gtgtgcctgc	cggccaagga	acagcatttt	ccgaagggt	300
cgcggtgctg	ggtgtctggc	tggggccaca	cccaccctag	ccatacttac	agtcggata	360
tgctccagga	cacggtgggt	cccctgctca	gcactcagct	ctgcaacagc	tcttgtgtgt	420
acagcggagc	cctcaccccc	cgcatgcttt	gcgctggcta	cctggacgga	agggctgatg	480
catgccaggg	agatagcggg	ggccccctag	tgtgcccaga	tggggacaca	tggcgccctag	540
tgggggtggt	cagctggggg	cgtggctgcg	cagagcccaa	tcacccaggt	gtctacgcca	600
aggtagctga	gtttctggac	tggatccatg	acactgctca	ggactccctc	ctctgagtcc	660
tgctgtttcc	tccagtctca	ctgcacacca	ctgcctcatg	cttcctgggg	cctccagcag	720
ctccactaat	ggaggagagg	cagtagcctc	cgacacagaa	cgcattgggac	ctctactact	780
gtgtgtgagg	aacagtcact	accactggc	cagccact			818

<210> 3747
 <211> 724
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(725)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (207)...(554)
 <223> similar to gil504034 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3747
cgacccccgc cegtaatttc cgggtcgacg gtccccgccc tcgccccgc gcggggcctt      60
agtgtctttg cctcccgaca gctctgggtg gatcgcccag tggcgctgt ccgtgttttg      120
gcgcccccta gcagcggcgc agttgcgcct gtttcgatag gcgagcggat tggcgccctt      180
ggttgccgga gcaatccctt aggcctgggt cctcgccgcc tggagcctcg gtcctctgca      240
gtcaggtggg ttctgggggt gccagcaggc tctgagagtg ccggccgcgg ggccctcgca      300
gcttgccctg tcagtcgga gctggtaaac tacgagcgcg tgcgcgagta ctgtctcaag      360
gtactggaga agcagcaggg caacttcaag gccacctacc gtgccggcat tgccttctac      420
cacctgggcg actacgcacg cgcgtgcgc tacctgcagg aggcccgag ccgggaaccc      480
acagacacca atgtgtctcg ctacatccag ctgactcagc tgaagatgaa tcgttgacgc      540
ctccagcggg aagacagtgg ggctgggtcc cagactcggg atgtaattgg ctgaggccaa      600
tccaggggga cctctctatc cctcgccctc ccacctcacc atgtaacttc ccccgactca      660
tgtgtttgtt ggtaaaacac ttgtcactgg tgatcanaaa aaaaaaaaaa agacaaaaaa      720
aaaa                                              724

```

```

<210> 3748
<211> 1270
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1271)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (39)...(327)
<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3748
tttttttttt ttttccagta aaacttttatt aattattatt attttttgat acagagtctc      60
gtttggtctt ccaggctgga gtgcagtggg ggcgatctgt ggatcaactg caacctccgc      120
ctcctggggt caagcggctg catgccttca gcctccagag cagctgggat tacaggtgcg      180
tgccaccaca cccagctaatt tttttgtaga gacagggttt tgccatgttg tccagactga      240
tcttgaactc ctgatctcaa gtgatccacc cgctcgggcc tcccaaagtg ctgggattac      300
aggtgtgagc caccgtgcct ggccaatatt tttaaatagt tctgttttga attggtataa      360
ttcgaaacac aggaaacggg caccagtgct ttgggcttta tttcacacca cgtacgtgac      420
aacaagctgg cctagagccc acatcagcag gcaggcggcc cacagtgccc caggacctac      480
cctgccccca aacaggccat ggggcccctt aggaagatgt ggggcttctt gagatcagct      540
ccagtttttc tcagagcccc tgtgaaagga gctccatctg cttcctgttg aaacctggac      600
tctggctggg tcagagtggg ctctagtgtg ctctcttctt tttgtttctg ttttaagcttg      660
ttccaaatcc tttccagggc cacttttccc atgaagaagg tgatggcaaa attgcgcttg      720
taccaatctc tgttataata catgtgcttc tgaaaatttt tacttaaaaa ttcctttag      780
aagtccgcca tttcttctgc attcaatgtt gctttctgac ctgattcagt tctcaggccc      840
aggccttttag tttttagtct tgagtgaata aattcttctt tttccttact aaaagtcaaa      900
ttctggtttg cccagaactg ttgattccat tcttggtgtt cttgtcttaa ttttctaagc      960
ttttgttcca atggagattc attttcaggt atgtaaaagt gaacaggctc aaggtttgaa      1020

```

tatttatctg	ggggtcctat	ccaatcatgg	caagactttc	ttggagggca	gaatcttgag	1080
accccgcctg	gcgctgtatc	cctgcgctcg	gcgccgcgct	ccggagcgag	ttgacagccg	1140
cggcaggcga	aggcgcgcca	gagagggggg	agaaaggctc	tcttccccgc	ccgcaagacc	1200
accatggccc	cacgccccct	ggctccccgc	cggacgcgtg	gctcgncccc	ggaatccgcg	1260
tcacagcctc						1270

<210> 3749

<211> 4424

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(2583)

<223> similar to gi4589622 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3749

ctcacattcc	tggcatagca	gccgcctccg	gcgcggggccg	accctggggc	tgcgcgctgg	60
ggcgcaaca	gccagagcgt	cggcgccacg	gccgataaca	catcttcgcc	gccgagctga	120
gctgggccga	gccggagggt	gtggtgtctg	actgcgctgg	gcacctcgg	gccgcagcgg	180
tgtctggggg	ccaggtgcc	ccggccattg	tccaggcagc	tgtgtgcaag	ccaaagaagc	240
atgaggacac	tggaagactc	ctcggggaca	gtcctgcacc	gcctcatcca	ggagcagctg	300
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ggtggggctg	gaactggggg	tacagggagc	ccccaggcct	ccctggagat	cctggcccca	420
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cggtcccttc	agttgtccct	ggagagggaac	ggcgcccggg	ccccagcca	catgagctcc	780
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gagaccacca	ctgctgtcac	tgacccacgg	taccgtgcc	gcggcagccc	gcacttccag	960
catgctgaag	tcaggatcct	gcaggcccag	gtgcctcctg	tgttccctcca	acagcagcag	1020
cagtaccagt	acctgcagca	atctcaggag	cacccccctc	ccccacatcc	agctgctctc	1080
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gcgctggagg	ccgacatgac	caagtgggag	cagaagtatt	tggaggaacg	tgccatgagg	1980
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cattcccccc	agccctcacc	cagcagcagc	ttcaatgagg	gtctgctcac	tgggtggccac	2100
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tggactgggt	cactaatcaa	gtcagccata	ttgttctctg	gctaagtttg	gttccagcca	3060
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gtgagggggc	atttaagtgg	actgggagac	agtgcgcagt	ttgtatataa	ttccctttct	3240
tgtggaacag	aagactgagg	cctgcagggt	ccgatgtgtc	tccatgggct	gtgtccctct	3300
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ctcaagtttc	ctttttaaac	atttgcattt	gctggacaat	tgcaattttt	tttaaaaaat	4080
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aaaaagaaaa	aagagaaaaa	aaaggcaaaa	aatattgtga	aagaaaaaaa	acaacttaat	4200
atattttgga	ttaatatattg	gtatttcttt	ttaaagtattt	tttgtgctgt	gaacattttc	4260
tgccaaagac	catgatgtgt	gtctgtatgt	ttaagttatc	gtaaatatatt	aaaatgtaaa	4320
catggctgtt	ttgttatgcc	accctgtacc	aggattgctg	ccgcattcca	ctgggtataa	4380
cagtatttta	attaaaaaaa	aataattaaa	agtgaaaaaa	aaaa		4424

<210> 3750

<211> 1000

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1001)

<223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (10)...(679)
 <223> similar to gi5019453 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3750
 tggggccccc ttcccacagc cccccaggca gtagggccag ggactcccca ggcagggtgca 60
 ggctgggctg ctggtcagca ggggtgtccc aagcatgggg cagaggggac acgtaggccc 120
 accctagtcc tccaccccag ggtaggcagt ccagagcccg tggtagcgct gacccctggg 180
 cctggccagg acgcccgcga catcttggga tggcacagag tgaggggaga gaaggcggct 240
 gggggcagaa ccctgcagcc tggcacagtc agctccctcg tgagcatgcc ctgctcagcc 300
 ccccaggccc cctcacagcc ttctgctatg agacccttga ggtgcacaca ggctgggagc 360
 agatgggagg gctgggggtcc catgcccaga tcagcaggca gagccatcac tggtagccag 420
 ggctgccagc acccttggag ggtggaaaga attccatcag ggaaagaacg agtgggcccc 480
 cagcgttggg atggcaggaa gtgggggtcc tggggacgcc ttccatggcc catccatggc 540
 tctgctctcc agggctacca gcactgcctt tgtgggacct tggtagccacc cggccaggct 600
 acaacctcgc acgtgggcct tggtagcccg gccagaggcg cggacacctt tctggggggcg 660
 ccccaggaca gacaggggat gggggcgagc aaaggaaggc ccagccccag tactgagcct 720
 gctccaccaa agacaagagc cacagctccc ggccatcctc tgagcctcag tttccccacc 780
 ctgggtgctc ccagatgctg agagcagggt tggngacatg ggacttgggc ggtggcccgcg 840
 cctggctaac tctgaccgtg tttggtngtt cccgacgcac cccaccttgg gctcgatggc 900
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<210> 3751
 <211> 5403
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5406)...(466)
 <223> similar to gi3043590 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3751
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 gagacagtta gttatttgac ctaacaacgg aaaacgggtca ccccaggaag agtttgggtgc 120
 ctctgtccag gccggttcca gacctgtctt gagactctct ccgtatttaa gtcaacattc 180
 attcggttac acagaagtta ctttttaatt ttttaaggagg aaccagtgat gattgggtgac 240
 aaatctctca caattaaaaa tgggtggaag ggccaatat aaaaacattt tgcagtattt 300
 tattctttcg ttttaagaagc tataacttaa accatcttca gaaacaagat ctgtcaccgc 360
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 ggcccccaact gccccgtgga cctccacaga gcgagtcatg gcgacggggg gacccggttc 540
 accgccagcc tcctcatgca gccgcagtag gcgggggggc aggggctggc acggccatgg 600

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tgacccttgc	catccgtgtg	ggggccccc	ggggcctccc	gtgcagcctc	agtctcttca	1080
cacagccgct	gaacccgacg	gtcacccgaa	gtttggagct	gtggctgctg	gccgggaggg	1140
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cctcctggct	ccaggcccgg	gccccgtccg	tcaccagcag	gatccggttc	ttctcccagc	1260
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ggcagtggca	ctgtccgctc	tgggggtggc	actcggagcc	ctcggcgcc	ggtccacaag	5340
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agc						5403

<210> 3752

<211> 402

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(187)

<223> similar to gil81853 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3752

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cgggggcttc	ccctgacccc	ttaggcctc	cccctgcagg	tgcctcgcg	cccctcccgg	180
gggtccccagg	tgagttagggg	ctgaatatga	caggagaggc	cgccggacgg	gcgtggccgg	240
gagggaaatg	gggctggatt	ctagagcgtc	ggacctggcc	gccagaactg	gccgtctccg	300
tcccgggcac	tccgaccggg	ggaccggagc	cctgagtggc	ggaaagctgg	cggagcctgc	360
ccccaaagga	gcactgagtc	ccggaagtgg	tctttttgtg	ga		402

<210> 3753

<211> 2410
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(2295)

<223> similar to gi5689405 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3753

gaggaggatt	cgcagttcaa	catcaaggtc	cctgtgcggt	ttattgcgac	ctgccgggtgg	60
gaactttgtc	tccgagtcgg	agcagcatgg	agcggcggag	cgagagcccc	tgtctgcggg	120
acagccccga	ccggcgggagc	ggcagccccg	acgtcaaggg	gcctccccca	gtgaagggtgg	180
cccggctgga	gcagaacggc	agccccatgg	gagccccggg	gaggccccaa	ggcgccgtgg	240
ccaaggccgt	gggaggtttg	atgattcctg	tcttttgtgt	cgtggagcag	ttggacggct	300
ctcttgaata	tgacaacaga	gaagaacacg	ccgagtttgt	cctgggtgcg	aaagatgtgc	360
tttttagcca	gctggtggag	actgcgctcc	tgccctggg	gtattctcac	agctctgcgg	420
cccaggcccc	aggaataatc	aagctgggaa	ggtggaaccc	tctccccctc	agttatgtga	480
cagatgcacc	cgacgcgaca	gtggccgaca	tgctacaaga	tgtctatcat	gttgtgacgt	540
tgaaaatcca	attacaaagt	tgttcaaagt	tggaagactt	gcctgcggag	cagtggaaacc	600
atgccacagt	ccgcaatgcc	ttaaagggaac	tgctcaaaga	gatgaaccag	agcacattag	660
ccaaagaatg	ccctctctcc	cagagtatga	tttcatccat	tgtaaatagc	acatattatg	720
ccaatgtgtc	agcaaccaag	tgccaggagt	ttgggagatg	gtataaaaag	tacaagaaga	780
ttaaagtgga	aagagtggaa	cgagaaaacc	tttcagacta	ttgtgttctg	ggccagcgtc	840
caatgcattt	accaaataatg	aaccagctgg	catccctggg	gaaaaccaac	gaacagtctc	900
ctcacagcca	aattcaccac	agttattcca	atcccgaaac	caagtgcgag	cattacagcc	960
cattcatgga	gccttggggc	tttctttctc	ccccagcttt	agtcacaaac	ttgtaaggca	1020
acaaatagcc	atggcccatc	tgataaaacca	acagattcgc	gttagccggc	tcctgggtca	1080
ccagcatcct	caagccatca	accagcagtt	cctgaaccat	ccacccatcc	ccagagcagt	1140
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aacagacctc	cctattaagg	tggaacggcg	caacatcaac	atcacagctg	ccatttatga	1560
cgagatccaa	caggagatga	aaagggccaa	ggtgtctcaa	gccctgtttg	ccaaagtggc	1620
tgcaataaaa	agtcagggct	ggctgtgtga	actgtccgc	tggaaggaga	acccaagccc	1680
agaaaaccgc	accctctggg	aaaacctctg	taccatccgt	cgcttctga	accttcccc	1740
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acacgtggtc	cagcttcccc	ctgagccggg	gcaggtactt	catagacagc	agtctcagcc	1860
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cagttgtgcc	aaaaagcccc	ggtctcgcac	aaagatctcc	ttagaagccc	tggggatcct	1980
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cgtgaagcac	cacgggaagc	tgaaagagca	cctgggctcc	gcggtggacg	tggctgaata	2160
taaggacgag	gagctgctga	ccgagtcaga	ggagaacgac	agcgaggaag	gctccgagga	2220
gatgtacaaa	gtggaggctg	aggaggaaaa	tgctgacaaa	agcaaggcag	cacctgccga	2280
aattaaccag	agataatgtg	aacttctact	aggcaaagca	atacatcggt	ccaaggattt	2340
tttgctttca	tttcttttaa	agttttttgt	tagtttggtt	tttgtttttg	tttttgggtt	2400
tttttggctt						2410

<210> 3754
 <211> 2207
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(2054)
 <223> similar to gi4454791 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3754
 agcagattga ttccatcatg ttgaccagg cgcagaccga gatccagtcg gtgatggagg 60
 aaaatgccta ccagatgttt ttgacttctg atatatacct cgaatatgtg aggagtgggg 120
 gagaaaacac agcttacatg agtaatgggg gactcgggag cctaaagggtc gtgtgtgggt 180
 atctccccac cttgaatgaa gaagaggagt ggacttgtgc cgacttcaag tgcaaaacttt 240
 cgccaaccgt ggttggcttg tccagcaaaa ctctgagggc cacggcgagt gtgaggtcca 300
 cggaaaactgt tgacagtggg tacaggtcct tcaagaggag cgatcctgtt aatccttacc 360
 acatagggtt tggctatgtc ttgaccagg ccaccagcgc caacgacagt gagatatcca 420
 gtgatgcgct gacggatgat tccatgtcca tgacggacag cagtgtagat ggaattcctc 480
 cttatcgtgt gggcagtaag aaacagctcc agagagaaat gcatcgaggt gtgaaggcca 540
 atggccaagt gtctctacct catttcccgga gaaccacccg cctgccaag gagatgaccc 600
 ccgtggaacc cgccaccttt gcagctgagc tgatctcgag gctggaaaag ctgaagctgg 660
 agttggagag ccgccacagc ctggaggaag cgcctgcagc aagatccgaa gaggatgaag 720
 agagagaggg ctccgagctc aactcaaat tcgcgggagg gggcgccac gcaggcacc 780
 cctcttcctt tactgccctc cggcagctta cgagggaagg acccgagga cgatactgga 840
 cgatcacctg tccaggggtcc tcaagacccc tggctgccag tctccgggag taggccgcta 900
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 accatctgtg ggggggcaac agcgggcacc cccgcaccac ccccgctgcc cacctgttca 1560
 cccaggaccc tgcgatgcct cccctgaccc caccacaacac gctggctcag ctggaggagg 1620
 cctgtcgag gctagctgag gtgtcgaagc ccccaaagca gcggtgctgt gtggccagtc 1680
 agcagaggga caggaatcat tcggccactg ttcagacggg agccacacc ttctccaatc 1740
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 aggcagtgta gttggttgct acttactttt tctgtgggga agaaattcca taccggagga 1860
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 aagaagacaa agtctaagga agaatcggcc agtgggcctt cgggagg 2207

<210> 3755
 <211> 716
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (73)...(523)
 <223> similar to gi992994 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3755
 gaaagagtgg gtaatgtgtg ttcactggaa atttctaaca ttcaaaaagg agaaggggga 60
 gagtacatgt gtcagtctgt aaacatcata ggggaagcaa agagctttgc aaatgtagac 120
 ataatgcccc aggaagaaaag agtggtggca ctaccacctc cagaattttg tagatccaaa 180
 tatggattca agggagggag aagacaaaaga actaaaaatt gatttagaag tatttgaaat 240
 gcctcctcgc tttataatgc ctatttgtga ttttaaaatt ccagaaaatt cagatgctgt 300
 attcaaagt ttcagtcata ggatcccgac tcccgaagtt aagtgggtata aagaatatat 360
 gtgtattgag ccagataata tttaatacgt gattagcgag gagaaggga gtcacactct 420
 taaaattcga aatgtctgtc tttctgatag tgcaacatac aggtgcagag ctgtgaattg 480
 tgtaggagag gctatctgtc ggggattcct caccatggga gattctgaaa tatttgctgt 540
 gatagcaaag aaaagcaaag tgactttaag cagtttaatg gaagaattgg tcttaaagag 600
 caactacaca gacagttttt ttgaatttca ggtgggggaa gggcctccca ggtttatcaa 660
 aggtatttct gactgttatg caccaatagg tacagcagca tattttcagt gcttag 716

<210> 3756
 <211> 1045
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (799)...(343)
 <223> similar to gi733571 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3756
 ttttttttta ctaccacaaa caattaggaa ttttttatcg ttatagatgt tgttaaagga 60
 ctccagtagc aaagatcaaa gtctccgaat tttgcctttg gagaaggggg tttcatttca 120
 gacatcaaag gtaaggctct caagtcaatt tatgctctgc tgggttgagt cagtcaggat 180
 acaaattaag gtccatatat ttcagtgaca agaaggaaac ggttatgtaa atacacaagt 240
 attaacatca atctgtatta aattatgtaa acatatacat cttctgaggt cagcacatag 300
 atctccttc ctttgaggcg gagctcttac tggaagcatt gcttcgaatc tgtttgggaa 360
 gttgattcat cgttcaagtg cttttagtagt aacctgaggg catttagcag cccctccaca 420

ctgtctgggg	cctgctcctt	caaaactttt	atgcagcctt	tcatatcgat	cttggatgtc	480
ttgcagaaag	ctccacaggg	gtggacatgg	tcatagagga	tgatgactcc	caccatcacc	540
ctcatgcaga	acatcagggg	ctcttcactc	gtaaacctac	ttctgtactc	cggagtttcc	600
agcatgactt	tacagacact	tgctattgtg	ctgaggcagt	ctgtgggtgt	ctctattggc	660
aaagttttgt	tttcagagac	aaagtgcatt	gtggcattgc	taagggtttt	cagcattggc	720
gtggcttctg	catagaagag	ggacattcga	ttggccatct	cattattgac	ttcattctca	780
atgtctaggt	gcaggccagg	tgatggggtc	ccactttgtc	acccagggtg	gagtacagtg	840
gtatgatctc	ggctcactac	aacctccacc	tcctggatgc	aagccatcct	gccacctcag	900
catactgagt	agctgggact	atgggcacgc	gccaccacgc	ccagctaatt	ttttttttgt	960
atttttggta	gagatggggg	ttctccatgt	tgccgaggct	ggtctccaac	tcctgggctc	1020
aggaaatcca	cccgtatcag	ctcc				1045

<210> 3757

<211> 1867

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1870)...(149)

<223> similar to gil707032 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3757

ggccccctaaa	aaaaaatata	accttccac	cccccggtt	ataaatttgt	tccctttaaa	60
ggggccccccc	cttttttttt	tttttgatgt	acaaacgtag	ctgtattggg	gaggggggtg	120
ggaggggggga	gggacgggtc	agtcttcctt	caggctccca	aacactgcgg	ctggcacgct	180
ctgctgctcc	agccgaacct	cgttgggctc	caggctccatc	tcgtcctcgt	cctcgtcctc	240
gcccagctgg	atctcctcgg	ggttgacctg	ctgtgccagc	tctgccagct	cctcccggga	300
ggcgtcactc	ctcacgaaca	ggatcttgct	ctgggcgcgc	aagggtgtgt	cacgctccgc	360
ctcagccgcc	agctgctctg	cccgtgttc	cagcagcttc	atgtcgtcca	tgccactctg	420
cccagggggcc	aggtcagaca	cgggtgccgt	ggcactgccc	gagacctga	gcactctgcg	480
aagccatgaa	ggtgaactgc	gtgttgtag	tggcctgcac	gctgcgccgg	atacgcacca	540
tttcttgat	ggtgtcctca	ttgccatgcc	ggacctcaaa	gtccttcac	gtctgccaga	600
acgcgccgt	cgtccggggg	tcacagatct	gggagcagaa	gctgtagatg	gcccgggcgc	660
ggtcaatctc	cccagccttg	cactccatgt	ctgcaaacg	caggcacatc	tcacgcgcgt	720
gctcgtccga	cagcacctca	atggccttct	ggtagatgcc	gcgggtgtgg	gtgaccccat	780
agatctcggc	cgcccgtttg	atgtagatgt	tgaacatgtc	atactgctgg	gcgggtcca	840
cgcccttgg	ggcacgctcg	tacacggcca	tggcatgccg	ggccaggccc	cactcctcct	900
ccagctgtgc	gtacagcagg	tacaaggtct	tggcatattt	tggggggcag	ccgtccagag	960
cctgttcaaa	cagggtccgt	gcccgtccca	gcttgcggcc	cccatagcgg	gcaatgaatt	1020
tggtcaggta	ggtgctccag	atgtcggaca	cgttggggcca	cttgaacagc	gagatgccgc	1080
gctcgtacgc	cttgaagctc	tcctcgaagt	acttgtgctc	ctccaggaac	atggcatagt	1140
tgatgacgat	ctgggggtgt	gcgatacgca	ggtccaggat	gcggtcgtac	acggccttgg	1200
tggactggaa	ggtgccgagg	ctctcctcca	ggtcggcgag	catggaccag	accttcagt	1260
acttgtagac	gcgggttctgc	acgggctctg	aaccataaaa	gtactcggcc	cggcgggcag	1320
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ccagctctcc	gcaactgacac	cacacgcttg	ccaggctcatc	cacctgcttg	aaagtccacc	1440
ttggtggcct	tctccaggat	gacacgggca	tcgtccaagc	tgtccgttgt	cctcataaaa	1500
cttggaacac	gcccacccac	agagtgtggg	gcttggttgt	tggccttgaa	ggggtccacc	1560

gtctgcacag	cctctgtgta	ggtgttgatg	atctcccggg	ggcggccctg	gtgcagggcg	1620
acacgcttgt	gccactcgtg	cacgtggtgt	gggttttggc	gcagcaagac	gctgttgagg	1680
agcagggggc	gccggctgat	gagctgctcg	aagcggggcca	ggcgcagctc	caggtccaca	1740
tcatcctcct	cctcgcgccc	cagctccgag	gcggtctcca	tctttgcagc	gatcatgctc	1800
tctcgaact	gggcgtagct	gtcaaacc	tgtgtgaagt	cccgcacggt	catcactgtc	1860
cggtatgg						1867

<210> 3758

<211> 1804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (11)...(1135)

<223> similar to gi2073564 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3758

gactacgctc	agcttggcac	gaggagaaaa	caggtattgc	acagttggtg	aagtatggct	60
taaaagacct	agaggaggtt	gttggactgt	tgaagaaact	cggcatcaag	ttacaggtct	120
tgatcaattt	gggcttgggt	tacaaggctg	agcagcacaa	tggaatcatc	ttccagtttg	180
tggctttcat	caaacgaagg	caaagggctg	tacctgaaat	cctcgcagct	ggaggcagat	240
atgacctgct	gattccccag	tttagagggc	cacaagctct	ggggccagtt	cccactgcc	300
ttggggtcag	catagctata	gacaagatat	ctgctgctgt	cctcaacatg	gaggaatctg	360
ttacaataag	ctcttgtgac	ctcctgggtg	taagtgttgg	tcagatgtct	atgtccaggg	420
ccatcaacct	aaccagaaa	ctctggacag	caggcatcac	agcagaaatc	atgtacgact	480
ggtcacagtc	ccaagaggaa	ttacaagagt	actgcagaca	tcatgaaatc	acctatgtgg	540
cccttgtctc	ggataaagaa	ggaagccatg	tcaaggttaa	gtctttcgag	aaggaaaggc	600
agacagagaa	gcgtgtgctg	gagactgaac	ttgtggacca	tgtactgcag	aaactgagga	660
ctaaagtcac	tgatgaaagg	aatggcagag	aagcttccga	taatcttgca	gtgcaaaatc	720
tgaaggggtc	attttcta	gttccaggtt	tgtttgaaat	ccatggagca	acagtgggtc	780
ccattgtgag	tgtgctagcc	cgggagaagc	tgtcagccag	cactaggagg	cgctatgaaa	840
ctcaggtaca	aactcgactt	cagacctccc	ttgccaactt	acatcagaaa	agcagtgaaa	900
ttgaaaattc	ggctgtggat	ctaccctaa	aaacaatatt	acagttttta	tcattagagt	960
gggatgctga	tgaacaggca	tttaacacaa	ctgtgaagca	gctgctgtca	cgctgcacaa	1020
agcaaagata	cctcaaatta	gtctgtgatg	aaattttata	catcaaagta	gaaaaaaagg	1080
tgtctgtgct	atcttctgtac	agctatagag	atgactacta	cagaatctta	ttttaaccct	1140
aaagaactgt	cgtttaacctc	attcaaacag	acagaggctt	atactggaat	aatggaatgt	1200
tgtacattca	tcataattta	aaattaaatt	ctaagaagag	gctgggtgca	gtggctcaca	1260
cctttaatcc	cagcactttg	ggaagccaag	gcaggaagac	tgcttgaaac	caggagtgtg	1320
agaccagcct	gagcaacaaa	gcaagacccc	atctctataa	aaactaaaaa	aattagttgg	1380
gcatggtggc	acatgcctgt	agtcacagct	actccagagg	ctgagatgga	tcactctgagc	1440
ctcaggaggt	tgaggctgca	gtgagctgtg	actgcccccc	tgcactccag	tctgggacaa	1500
caaagcaaga	ccctgtttta	aaaaaaaaaa	gaaaaaaaaa	ttttttttct	aagaagctgt	1560
cctacaaaagt	tgagctttgt	tagtttttca	tgtgtaatat	attataaatt	tatcttttgg	1620
gatataataa	atgctttcat	atacctgctt	tttaattgta	aatctattaa	cactaaaggt	1680
tttagggagc	tggaacataa	ggtaaatagc	cttttcttcc	cttggctgta	atgactaagc	1740
acatgaaaat	atccaaacca	aagggcataa	agaaaccaa	aatcataatt	accggacgcg	1800
tggg						1804

<210> 3759
 <211> 671
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(614)
 <223> similar to gi525318 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3759
 ttgtaataca gtccagctag attctgggat agattaccgg aaggggaactt cctgctgcag 60
 gaaaactcta ctacctcaca agtgaagctg atgtggaggc tgtcatggat aagttgtttg 120
 atgagctggc tcagaaacaa aatgatttaa ctagaccaag gattctaaaa gtgcaaggca 180
 gagagctgcg cctgaataaa gcctgtggaa ccgttgccga ctgcacattt gaagagctgt 240
 gtgagagacc acttggagcc agtgactatt tggaactatc aaagaatttt gatacaatat 300
 ttttacgaaa cattccgcaa tttactctgg caaacaggac tcaaggtcga agattcataa 360
 ctctcatcga taacttttat gatctcaagg tgcgtataat ttgctctgcg tcgactccta 420
 tatcaagctt atttttgcat caacatcatg acagtgagtt ggagcaaagc agaatactga 480
 tggatgatit ggggctgagc caggattcag cagaaggact ctccatgttt accggagaag 540
 aggaaatcct tgcatttcag cgcacaattt cccgactcac ggaaatgcag actgaacagt 600
 actggaatga aggagacaga accaagaagt aactgccact tttgcataaa taaaactcta 660
 gacaaatgga a 671

<210> 3760
 <211> 2950
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2936)...(2772)
 <223> similar to gi3288483 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3760
 tttttttttt ttaacctatg aaaattcttt attgttaatt tctttctcca acagatatat 60
 ttttagttga aatatggagc cacagcaaca ctttgacttt tcctcttcag aagatgagac 120
 aggccggggg catcattggt acaaaagcaa ggcctgtgat cgtgacaagg acaggctggg 180
 gcagagacca cacgctcaac caggatatcca ccagggtgtg gccctttata ggagctacaa 240
 agaggggggca gccagcaatg tggcctcgac acctgactcc aggcactccg acctggagga 300

gggagatgaa	agaactcacc	tttccccagg	ggctcagcca	gacctccagg	cccctgagcg	360
gggagagtgc	gtgtgtgtgc	acatgtgtat	gagtgtgcac	acgggtgtgc	tcactcacac	420
agcacatgca	cacatgcgct	gccccctctg	agatgctctc	aggtccctgc	cagggtaggg	480
ttgtagctgt	gttccccaca	gctgactgtc	agctaaccag	ggctaggggt	gagtgcattg	540
tggaggacac	aggggtcttag	cctgatgctc	gaatccctct	tctggaacag	gctgatggtg	600
ccagagcaca	gcacgaacca	cctacccacc	atggggctct	ccagggctcg	gtcatttggc	660
tcctgtgcac	ttcatgacac	tcaggagccc	ctacggcccg	agccccaagc	cccgagaaaag	720
gggaaagatt	tggttctgag	aggggtccac	tggccctggg	cacctagggg	cctcagcatc	780
taccagcata	ggggaggggtg	gcggccccct	tcctgaggac	tgcattcttc	tccagccgct	840
ctccccagat	cccacacctg	ccagtgaagc	agggagatag	gaggaccacc	tcctccccag	900
ggaagggggg	ggcaggtgga	aggacttagg	tttgggtgcag	gaacactaga	cctgccccctc	960
acccccctgcc	tccaggactg	ccattctgaa	ctgcaattct	gggcctgagt	ttggcttaag	1020
ggccagtctg	aagggaactt	cttgggtgaag	gcccagccag	ctgtcccagt	ggcatttcat	1080
aaacaaacga	tactgtccct	tccaggctga	cctggagaga	gacccttcca	aaggcagtgg	1140
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gcagcagaca	ggtaggagcc	tggctggggg	aggtcagggg	ttgggtgtta	gctggagggtc	1260
tcctgggcct	tgtgagccaa	gctgggggct	ttatgtgggt	tctgggctcc	cagagacctc	1320
cgccagatga	cctccagagt	ctttgggggtc	tcacactggg	agaagctcct	cccctttcca	1380
agatgacccc	caaaatgagg	cctcaggaag	tggtagacac	aaggatggcc	aagaggacag	1440
agctgggtag	tacgcctctg	ctgggcgcgg	cctggccggg	ggggcctgga	cggtgcctca	1500
gcaatccctt	tctcaccaag	ggacgctggc	tggttgccag	ctcatgcagg	cagtgcacat	1560
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cctcaggggc	ccaactttcc	agctgtggac	cctgtccagg	gttctcgggg	tccccttgct	1680
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agccggcagc	agaggggggt	gaatccatgg	caacaggagt	cacaggtgaa	ccaatgggaa	1800
accaaacaca	cgcattcgaaa	gccaatcaaa	cacaaacccc	aaatgtgaag	gccagcagca	1860
agttctttgt	gtaataaata	ttgcaaagcg	cacttggttt	ctttcttttc	aagtcaaata	1920
taacgactaa	tgtcccagac	cctgttttct	gcattcaaaa	tagggaagct	gttgatatca	1980
gcagaacacc	tgcagccaaa	gaaaaaaacc	gtttccatt	aaccagccaa	tcacagatcc	2040
tttccagttt	aagcagccaa	tcagacctct	tcacatttct	aaaaaaatga	cctaactaaa	2100
gcaccagagc	tcggagagct	tccagggaag	ccagataacc	aggcgcaaat	tttttaaaaa	2160
ataagagtca	gaaataaaaa	taaaagggtt	ctgttggtca	agatttaaaa	aataaaaaag	2220
tttcttcctg	cagccaatca	caagtccatc	cctttaagcc	aattataaac	gcaccactgg	2280
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ccacacagat	ctcttgcccc	tcaacagcat	ccaggggtgt	ccaagggctt	tgcagctact	2460
gcctccggtc	ttccgtctcc	gacctggaaa	acgccatcac	cacgtcctct	gcaccctggg	2520
cgatggagtg	cggaggcagc	tggctgagct	ggctgttgac	cacccctgca	taggtgcgca	2580
ggaactcttc	ctcgtgggt	gtcaggtttt	gatcccatc	ttccgcagca	tgagcagcac	2640
tcggaccttc	tgtgaaatg	tacatctcct	tcaggactct	tccccgggag	cttccctcgc	2700
ggttcacccc	cctgcctggc	tctggggact	ccctgcttct	ggaaattaac	ttcaggcaaa	2760
caggtgcctc	aactgtgagg	ggagggctgt	ggctgggcag	aagtaggaag	gtgccgccct	2820
gggccgcccc	acccggccgg	gccggcaggg	gcagcgggtc	cggcgcgag	cgcgcggcgg	2880
cctgttccgg	ggcgtgctca	gcccagagcag	ccgtgcggc	ggcggcagta	gcagcagcag	2940
gagcggccgc						2950

<210> 3761

<211> 3222

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2438)

<223> similar to gi4884108 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3761

gggaaaagag	gacaaaatgg	atttaaagaa	tttacaaggc	aagaacagat	caactgtgta	60
acaagagagc	ctcttactgc	tgatgaggaa	gaagcattaa	aacaggaaca	ccaacgaaaa	120
gagaaagagc	tcttagaaaa	aatccaaagt	gccatagcct	gtaccaatat	ctttcccttg	180
ggtcgcgacc	gcatgtatag	acgatactgg	attttccctt	ctattcctgg	actctttatt	240
gaagaggatt	attctgggtc	tactgaagac	atgctgttgc	ctagaccttc	atcatttcag	300
aataatgtac	agtctcaaga	tcctcaggtg	tccactaaaa	ctggagagcc	tttgatgtct	360
gaatctacct	ccaacattga	ccaagggtcca	cgtgaccatt	ctgtgcagct	gccaaaacca	420
gtgcataagc	caaategggtg	gtgctttttac	agttcttgtg	aacagctaga	ccagcttatt	480
gaagctctta	attctagagg	acatagagaa	agtgccttaa	aagaaacttt	gttacaagag	540
aaaagcagaa	tatgtgcaca	gctagcccgt	ttttctgaag	agaaatttca	tttttcagac	600
aaacctcagc	ctgatagcaa	accaacatat	agtcggggaa	gatcttccaa	tgcataatgat	660
ccatctcaga	tgtgtgcaga	aaagcaactt	gaactaaggc	tgagagattt	tcttttagat	720
attgaagata	gaatctacca	aggaacatta	ggagccatca	aggttacaga	tgcacatatc	780
tgagatcag	cattagaaaag	tggacggtat	gagctgttaa	gtgaggaaaa	caaggaaaaat	840
gggataatta	aaactgtgaa	tgaagatgta	gaagagatgg	aaattgatga	acaaacaaag	900
gtcatagtaa	aagacagact	tttggggata	aaaacagaaa	ctccaagtac	tgtatcaaca	960
aatgcaagta	caccacaatc	agtgaagcagt	gtggttcatt	atctggcaat	ggcactcttt	1020
caaatagagc	agggcattga	gcggcgtttt	ctgaaagctc	cacttgatgc	cagtgacagt	1080
gggcgttctt	ataaaaacagt	tctggaccgt	tggagagagt	ctctcctttc	ttctgctagt	1140
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tgtgatggct	gtgatagggg	tcatcatacc	tactgtgttc	gaccaaagct	caagactgtg	1320
cctgaaggag	actggttttg	tccagaatgt	cgaccaaagc	aacgttctag	aagactctcc	1380
tctagacaga	gaccatcctt	ggaaagtgat	gaagatgtgg	aagacagtat	gggaggtgag	1440
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gaacaagatg	aagatgactc	tcaagaagag	gaagaagtca	gcctacccaa	acgaggaaga	1560
ccacaagtta	gattgccagt	taaaacaaga	gggaaactta	gctcttcttt	ctcaagtcgt	1620
ggccaacaac	aagaacctgg	gaagataccc	ttcaaggagt	cagcagagca	cacccaaaac	1680
aactgtttct	tctaaaactg	gtagaagcct	aagaaagata	aactctgctc	ctcctacaga	1740
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agatgtattt	gtggaattgc	ttagtcctcg	tagaaaacgc	agaggcagga	aaagtgtctaa	1860
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tgaacagtca	agatctgtaa	atattgcttc	aaaactttct	ctccaagaga	gtgaatccaa	1980
aagaagatgc	agaaaaagac	aatctccaga	gccatcgctt	gtgacactgg	gtcgaaggag	2040
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ggtacgacat	gatgacagct	ggcctttttt	gaaacttggt	tctaaaatcc	aggtcccaga	2160
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ctttgaatac	aacctcgta	acacaagtga	agcaaaaagct	ggaactaggc	ttcaagcatt	2340
ttttcatatt	caggctcaaa	agcttggact	ccacgtcaca	cccagtaatg	tggaccaagt	2400
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ttgaagaaaa	acaaattggt	catgaaaatg	gaacattaaa	tcatgctgta	taaagcaata	2520
acaaacaatt	gattgaccac	atgaaagtgt	ggcctgcact	atattctcaa	ttttaatatt	2580
aagcactcag	gagaatgtag	gaaagatatc	ctttgctaca	gttttgttca	gtatctaata	2640
agtttgatag	atgtattgga	tacagtactg	gtttacagag	gtttttgtac	atttttgaga	2700
tcattcatgt	gtccagagat	cttggaataa	attttttcac	ccacgattta	ttttgttatt	2760
gatgattttt	ttttaaagtg	gtgggtattaa	gggagagtta	tctacatgga	tgagtcttcc	2820
gctatagcac	agtttagaaa	aggtgtttat	gtcttaatta	attgtttgag	tacattcttt	2880
caacactaca	catgaatgaa	tccaatctta	taaccttgaa	gtgctgtacc	cagtgtctggc	2940

tcgaggtatt	aagtccaagt	ttattaacta	gatattttatt	tagtatttgag	agtaatttgt	3000
gaatttgttt	tgtattttata	aaattttatac	ctgaaaaaatg	ttccttaatg	ttttaaacct	3060
tttactgtgt	ttttatttctt	ctaacttctt	taatgatcaa	tcaaaaaaag	taacaccctc	3120
cctttttctt	gacagttctt	tcagctttac	agaactgtat	tataagtttc	tatgtataac	3180
tttttaactg	tacaaataaa	ataacatttt	tttcaaataa	aa		3222

<210> 3762
 <211> 2384
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2385)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2385)...(949)
 <223> similar to gi3493591 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3762						
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aatcaatttc	tctcaaagat	tttactctca	gtgagggtcac	atacatagtt	cttaatcagt	120
gaaaattata	ggcagctttc	tattttatcct	ttaaaggaaa	tatgtcttag	atggaaagaa	180
tataaagtag	taaagcaaaa	gttaacctag	gggaaacttt	ttcaccaaca	gattatctag	240
acatcaattc	ataatgcact	gggagatcta	tagtatatac	cacatgggtat	atttagggta	300
cacagctcta	taggatttga	gatggctgct	cacagcagga	gcttaaagaa	agatatggaa	360
aaaatatatt	ttataaaaaga	tggaaaaaatt	caagttgtaa	ggagtaaaaa	tgaaaatttg	420
aaaagttaac	gcatattttgt	ttttattttat	aggtaactac	cacatgaatt	ataaagacaa	480
caaaggatgt	cagaatgaac	atggataggt	gtatgcatac	tacggctaag	gagaaacaat	540
gttcctacat	attatgggta	gtgagaacat	tatctgtata	acaggggaact	gtgattattt	600
aaaaatatgc	agaacttatt	tcactctgtgc	tttagaaata	actgtataca	gtgttataag	660
ttgaaaagaa	ctcaaaataa	ctaataccaa	atatacacct	atgtattaga	attcaaaaaa	720
gctgctttct	gtgaagtcaa	tcagctatat	taaaaaatga	cacaaatcca	aaacaagatg	780
catgttatat	ataaagggac	attgtaagtt	tccttgctgc	attaaacca	tggtttaatc	840
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ttaagaacct	ttcccaaatac	cactagttac	actccccttt	tcaggaacta	agcaggtatt	960
cgggtagctg	cttcctcctc	tgcactcagct	cggtttgcat	taatttctgc	aagtgttcgg	1020
ccaaaccgtg	cccatcctac	attgcgggga	acagcaatct	gctctccac	atcgtatata	1080
acaatctgtc	cttcagaatc	acccacagca	atctctctgc	cagaatgggt	ccatctcaca	1140
cgattaagag	caggattacc	ctccacagaa	atgctggcag	ttggtacctc	tgtgtcatta	1200
ttgagattcc	acaaatccaa	tctcccatag	ccatccacac	aggcaaacag	ggctgggtgg	1260
gtaggtgacc	acataacatc	ataaacatag	cctgcgttat	cttcaaataa	atacaaggc	1320
ttgttattct	tagttgtcca	aagctttact	gtccagtcaa	acgatgaagt	gacnaaaaga	1380
tgtgagaagt	ctactgctcc	aacagctgca	tgacaatgga	tgccagtgat	tggtccttga	1440
tgcccctcaa	acatctcact	gattccagct	ttgctgccat	ggcggcatgc	tgtgtacaca	1500
gaaccttctt	cactcccaac	aacaaagttg	ttgacatctc	caacagggaa	ggacatagat	1560
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agtggagttc	tttgactgg	agttctttta	ttgctacggg	tatcccaaag	cacaatttgg	1800
cctgaatatg	taccaccaac	aacaagattt	ggatgaaatt	ttgcaaagt	ggcagacatc	1860
acagctgact	ggcagtga	cacatctct	ggggtagttt	ttttgtattt	catattccat	1920
acaagggcca	caccatcagg	ctcatgaggg	gcattctcat	tgttggtata	ggaagccacg	1980
agtaactccg	ggatactgag	atgaccaatc	caaacaacta	acccaccggg	atgctttgga	2040
ccaaacgttc	gtccaaaaaa	ttgtcgattt	aatgacagtt	tagcacctgc	ttgaatctct	2100
ccttctttgt	cattccaaaa	tctctccac	tatagtcaaa	gaagatgtta	atctgctcag	2160
aaagagctct	ttctacaaat	cttgtagaat	ggtaaagaa	acttaaaaat	tcctcagagt	2220
gcaagatttg	ttgcttttct	tcttcagtca	gctcatgagg	gggagcttta	ctattcattt	2280
tcctcatctt	tctttaaagt	tttctcttct	tcaggttcaa	taggtgggtt	aggagccact	2340
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<210> 3763

<211> 1092

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1083)...(489)

<223> similar to gi4929633 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3763						
tttttttttt	ttaagaattt	gtaccagtaa	atttattcca	agtaagactt	gtgtgcacac	60
accaggcaga	taatttccac	acaaacacca	aacattgtag	taaaactagt	taacactttg	120
gccatgaaac	tcaaagatac	ttgaaaaacc	tctcgatagc	actttgagtc	acttaattct	180
gacaaatatt	aatatgtcat	ccatgcttgc	ccagttataa	ttttacaata	taattgtatt	240
tttcattgta	cttattattc	attatactta	ctatatatat	ttaaaacatc	tttgctgaaa	300
ttctcttata	ccaaaaataa	tttttcagta	actccaaaat	acccacatgt	acctcttagc	360
aggctattcc	aatatcaaaa	ttctttttct	tcaagtaaca	agttctcaat	ccacaccatt	420
cctgatcaca	gatataactg	atatgcagtt	ttataaacag	ctcttttact	ccttgttcct	480
atttttagcag	gccaaccatc	acttcactga	tatcccagag	ttttcttgca	acagattcat	540
ccatagcttt	gggcaacagt	tcttcctctt	tacaatcccc	aaagtatctt	cctgacactc	600
cttctacctc	aggtgaagag	gccaaataaa	tggaagtctg	ggcaccttct	actggagttt	660
tgaaaaaagc	ccatgacacc	aaattgaaga	gtggtttgac	caacagtggg	atgtgtatgt	720
gcctccccag	atttgtccgt	acaataccag	gatgcaacac	attgacgggtg	acatttgtgc	780
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aacaaaagct	tttattatag	ctttgttcac	tgttcaagtc	atcaaaattg	atgtctccgt	900
atttataaag	tttggaagaa	actaccacaa	tcctgctggg	agctgaactt	ttgaggagtc	960
caaggagaag	attggtgagt	agaaagtgcc	ccagatgggt	cactccgaac	tgcattctcaa	1020
acccatcttc	agtcttcatg	taagggcact	ggaagatccc	tgcgttattg	atcaagacat	1080
cacagcctat	gc					1092

<210> 3764
 <211> 5182
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(3395)
 <223> similar to gi3327214 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3764

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gctgagcggc	gcccgcctggg	gtcgctcggg	ctccgcaggc	cacgagaagc	tgccggtgca	120
cgtagaagac	gccctcacct	atctggacca	ggatgaagatc	cgctttggca	gcgaccctgc	180
cacctacaac	ggcttccttg	agatcatgaa	ggagttcaaa	agccagagca	tcgatactcc	240
tggagtcac	agacgtgtct	cgcagctctt	ccacgagcac	cctgacctca	ttgttggatt	300
caacgctttt	cttccctctg	gatatagaat	agacattccc	aagaatggca	agttaaacad	360
acagtcgcct	ctgacaagcc	aggagaattc	gcacaaccac	ggggacgggtg	cagaggactt	420
caagcagcag	gtgccgtata	aagaggacaa	accccagggtg	cccctggagt	ccgattccgt	480
ggaattcaac	aacgccatca	gctatgtgaa	taagattaaa	acccgcttcc	tagaccaccc	540
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gaggggcccgg	ccattccgag	gcatgtctga	agaggagggtg	ttcaccgagg	tggccaacct	660
cttccggggc	caggaggacc	tgctctcaga	gtttggacag	ttcctgcccg	aagccaagcg	720
gtctctgttc	acaggaaacg	ggccgtgcga	gatgcacagc	gtgcagaaga	acgagcacga	780
caagacccccg	gagcacagca	ggaagcgctc	ccggccctcg	ctcctccgcc	ccgtgtctgc	840
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gaagtacggg	actctgcagg	aattttcttt	ctttgacaag	gtccgcccggg	tgctgaagag	960
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acagttcaag	tccttcctgg	gggtaaaaga	gctgtccttc	gcgccaccca	tgagcgacag	1140
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ctgggaggga	cgtcggagg	gatccagcgc	cgtgccattt	atcgcatcta	tggcgacaag	1560
gccccggaga	tcatcgagag	cctcaagaag	aacctgtca	ccgtgtctcc	cgttgtctctg	1620
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tggcgggagc	agtatgagaa	ggcgtacctc	aagtccttg	accaccaggc	tgtgaacttc	1740
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ctggacatgg	tgccggagcct	gctggagggc	agcatcgacc	ccacgcagta	cgaggacacc	2520

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ggctttctgt	gccaagaatc	ccaagtgact	ggggctgggg	accacttctc	caggcctctc	4500
tccccgacca	tgagagcccc	tggccctggc	ccctgcacac	cagtgggccc	agaataaccg	4560
ccacccttgc	catcctgcaa	cagctggact	caagtttcca	ggaagtggag	atgtgtttct	4620
agaagtttcc	tgtggaacct	ggaggctcct	gacgcctttg	actccaggct	gggcgattcc	4680
gatgctgacc	cgtcctcctg	ggctccccac	ccccgctccc	caagtgtcac	acaggcactt	4740
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tatttatttg	cacattaaag	ttaataattg	aatattgaca	tcaagccgcg	aggggtgtgt	5040
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gagcaagggg	tggctgggtg	tgccctacctg	ggaccagggg	agtcgaagcc	cctccttgaa	5160
ccaagatcat	ctcacacctc	gc				5182

<210> 3765

<211> 1507

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1377)...(1128)

<223> similar to gi2580578 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3765

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ctcaaaaggc aggacatgga aagtcaaaag gctacaacag gtgccctgtg gccccaccgc 120
accagggcct gcaccccatc caccagcgcc acatcactat gccacaagc gtcccccagc 180
agcaggtctt tggcctggcg gaaccaaga ggaagtctc gctcttctgg cacaccttca 240
acaggctcac ccccttcctg aaatgaaaac aggaggctgt gcttccatgg agctgggtgt 300
caagagaaga actgtctttg tttcttgggt gcttcaatcc agggaaagt tcttggacct 360
agtgataaaa acttcctttt agggatcaat gaaggagaga aggtcttgga atcaccttca 420
gtctttggag acccagctgc ctttgtggaa gggaggagac ggtcatgaca caaagcttta 480
tcctacacag aaacacccgt gaccactat gagatggccc agatgtggga cccggtacca 540
tgctctaaag cgagtgatta ggcagcagct gaagccaccc ctgctgatga tgagcaagtg 600
cctgctgcag gtccaaacac agcatccagg gctttgcagt tcctaaggag tgatgagggt 660
agaggatcac ttctgcattt gattttcaag gatgccgtca agacgggggt gacacaatgc 720
tgcacgtgtc tggtcacact tagaaattga gctcttactc tcttctgtaa tactggggga 780
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gaaagaagat gcattctgtc ctttcacag ggtcctcagt gcagagcaac ttacgcatcc 960
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ccggagtctg attcctctct gcctgcacgc cttcagtaac tccgagcaga aatcacatct 1080
tgcccacatg ctgtaaccta agaaactgct atgcaaggct ggggtgctgtg gctcatgcct 1140
gtaatccag cactttggga ggccaaggca ggtggatcac ctgaggtcag gaggttcgaga 1200
caagcgtggc caatatggca aagcccagtc tctactaata atacaaaaat tagctgggca 1260
tgggtggcgca tgctgtaat cccagctact ggggaaggctg aggtaggaga atcttttgaa 1320
tctgggaagc ggaggttgca gtgagctgag atcgaccac tgcactccag cctgggagat 1380
acagcgagac tgtctccaaa aacaaaaaca aaaacaaaaa acattcagac aactgtttgc 1440
attataaaaa gctcatttac tgtaatatat atgatacaag gaatatgaaa atgcactggt 1500
cagaagg 1507
```

<210> 3766

<211> 5771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5772)...(2990)

<223> similar to gi577313 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3766

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tttttttttt ttggttttta aaaacagaat agaactttat ttagtggatt caagatttta 60
aaaaatgatt ttacacttta aagtgtgcaa taaattttga tacatcaatc ttgatataata 120
tatttactgt gtcagaagat tttaaaaagt caaatagttt ataatacaaaa tgaattgtgt 180
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ttaacttgat	acttatatgg	aataacttca	gcattataaa	taaaaaccca	aaacaaacac	240
catttaaatt	tgagttctga	tgaaatgcat	tgtaataaca	atthttgttaa	aaatttttaa	300
taagagattg	taggctaaag	ttatatgctt	gtaatttcta	gaaacatatg	atgtccttgc	360
tttatgaaaa	tgatcctact	gactgtcccg	cagtagaatg	catttgagac	acttttctat	420
ctgggataag	gggctgtgtt	gcttgataca	tgthttcttcc	agaccatgag	cccctagtgg	480
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taacatcatg	ttctatgagt	cacagaatca	tccaaatgag	tatcagccag	atacaaagaa	600
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aaatcctggt	ttacaaaaa	taattttcac	attccattct	acataatgag	gacatttcca	720
aaatgcattg	gcccacatta	ctattacttt	gctgatatga	agaaaatgaa	ttatgatggt	780
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gagaagcggg	a					5771

<210> 3767

<211> 562

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(494)

<223> similar to gil066818 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3767

ccagtagctg	ccaggtctgc	tgctgtgacc	ccagcccttg	tgagccaact	tgctcagagt	60
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ctgtctgctg	tggttcagagc	tcgtgcgagc	caccttctgt	ccccagcact	tgccaagagc	180
cttcttggtg	tgctccagct	atctgccaac	ccatctgctc	tgagcccagc	ccctgctcac	240
cagctgtctg	tggtgccagt	ccatgccaac	ctacttgcta	tgtagtcaag	cgtgtctggt	300
ctgtctgccc	tgagccagtt	tcctgcccac	ctacctctg	ccgacctctt	tcctgcagtc	360
cagggctctc	tgcatctgcc	atccccagca	acttgctcta	ggactttcta	cataccagct	420
tccagcaaac	ggccttgagc	tgctacgatt	tcctaccgcc	cggctctccg	tccgatctgc	480
cgcccaatct	gctctggact	cctcacctat	aggcagccat	acatgacatc	catctcctac	540
cgctctgctt	gctatcgccc	at				562

<210> 3768

<211> 1287

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1280)...(588)

<223> similar to gi4176500 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3768

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tgccattaaa	tagccaggag	gctagacagc	attaaagttt	cccttctctg	atcttctggt	180
ccttcagtac	aaactgagaa	ttttgaaact	atattggatg	cccagtcttt	gggggagggt	240
taatatcaca	aaacctccat	gagaacaatg	ggctcagggtg	gaagactttg	aagactaaaa	300
ggcttacagt	taaggtagaa	ttatcactag	tagatcttag	ggaaatagga	atgcaaccag	360
aatcactcaa	tttattttatt	agaaagcaag	attcattaaa	tcatttctct	tttagaaaaa	420
tatctttaac	tggtatatatt	tcaaatgttc	ttttttaaag	aacatataaa	attaagatat	480
ttgtgaaaat	aaacatttca	gatatacttg	tttctcttca	tttttcccct	ttcaatggaa	540
ttcttcttat	caagcacaaa	tggtctaata	tttaaagcaa	ggcaaactct	tccgtgctaa	600
atctttttta	ttgtttcttt	tcatectctg	aaaaaaggct	ttcttcattg	gttgtagtag	660
atgtaaaatc	atagtctctg	gaatgaccat	ttacaaaagt	aaataaggga	tatttctcct	720
tagaagaaaa	tttcagcatc	ttggtgattt	cttcagaagc	tcgtttgaag	tcctgaacat	780
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gccttgcttc	ttcaactgct	tttcttaaaa	tgtgagcaac	cacagctgag	accataccaa	1260
tctcctgctt	ttttcccaga	cttcttt				1287

<210> 3769
 <211> 1706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1631)...(602)
 <223> similar to gi4928044 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3769

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ttaatttttc	tctagatact	caaatagcta	agcaaataaa	ggtacatgcc	agtctttctt	180
cttttataca	caacagacaa	aagtgttggg	gggctagaca	ccaaccagct	atTTTTTTcc	240
cctggaacca	gatcatcata	ctgctgagtt	ccttcaaacc	atcaaagtac	agccttcctt	300
ccaatgttgc	ataatctgtt	caaaatcaca	gtataaatac	aaagttcttc	catccatttt	360
acaaaaccag	caaaactcta	caataaaaatc	ctacaggaaa	aagtagacca	atctcattta	420
caaacagcat	tttaacagta	attattaaat	gttacaaaac	ataagataca	aaatctaaat	480
ccttaaagtc	acacgatttc	tacagaaata	agaccctcgc	cccaccata	ttacttatga	540
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tgacggcggg	agtacaagga	gcaatgcgca	gcgggaagct	tggtggctgc	tgggccgcac	1680
cgcacggggag	tcataactgc	ggccgc				1706

<210> 3770
 <211> 2172
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(1545)

<223> similar to gi3046745 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3770
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agcaccctgc agcctgtctc ggggccccga acgctcccgc cagcgcttcc gaggcttccg     180
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gaacctcctt ggcagtaagg gtttgctgaa aatggaagat gtggccctga cctcactcc     600
tgggtggaca cagctggatt catctcaggt gaacctctac agagatgaaa agcaggagaa     660
ccatagcagc ctggtctccc ttggtggtga aatacagact aagagcaggg acttgccctcc     720
agtcaagaag cttccagaaa aggagcatgg gaagatatgc cacctgaggg aagacattgc     780
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attggggtgg gg                                     2172

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<210> 3771

<211> 1715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (278)...(58)

<223> similar to gil519392 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3771

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agattttattt tatttttattt tatttttattt atttattttat tttttttaatt gatcattttct    60
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ttcaagcaag ataaacagtt gtgaacaaag ggtctctggt tttcctaagg cagacgaacc    180
ctgcggcctt ccgcagtgtt tgtgtccctg ggtacttgag attagggagt ggtgatgact    240
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gtcttagatt aacagcatcc caaggcagaa gaatttttct tagtacagaa caaaatgaag    420
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ggaggccgag gctggcggat cactcgcggt taggagctgg agaccagccc ggccaacaca   1140
gcgaaacccc gtctccacca aaaaaatacg aaaaccagtc aggcgtggcg gcgcgcgcct   1200
gcaatcgag gcaactggca ggctgaggca ggagaatcag gcaggaggt tgcaagtgagc   1260
cgagatggca gcagtacagt ccagcttcgg ctcggcatca gagggagact agggaaaggg   1320
gagaggggag aggttagtat tttcaaaaat catcatatag tacgtgggta cacaactctg   1380
aatatactaa aacacattga attgtatact ttaaaggagt gaactatata tcaatatata   1440
aggggtgagt tatagctcaa taaagctgtt aacaacaaaa caaaaatgcc ataccaaaaa   1500
aaaaatcatc atactgatct gtgaccttcc aatggaagga attaaactaa acttttcaaa   1560
atggggctac tggcccttag gcaaggctct gagattatcc taaaattatg gatttagagt   1620
atttaatgac ttttctgaag aattcttaga attcatctac taagcaaata accattcatg   1680
tagttatgat gtagtcattg tcaattttta caagg                                     1715

```

<210> 3772

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (719)...(325)

<223> similar to gil63673 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3772

```

ggcgcggggg cccttttttt ttttttgacc ttggataagt ttattaacct gttttataaa    60

```

tctgtattca	cacagatata	aagtgcctag	cccatcacag	cagagctctc	cgtagctcag	120
tggttggtcc	aataagacat	cagggattct	tcagaagcca	gccttcagac	ctctcactgt	180
gttttgagat	cattattatc	aatttggtt	taaaaaaca	gggtcctgta	aaacccttga	240
agtcttcctc	atctcagggt	ttagggatgc	cacttgcata	aaaatgagtg	gttcacaagg	300
tactgcccc	cagaagcagg	cactggaaag	aaacaggcag	ctcttcatta	tcccaagcag	360
aacctctgtc	aacttgccca	ttgatgggtt	ccatttgctt	gggcttgga	tcccaaaggg	420
gaagaaccac	ctttaccgga	gtaacagtcc	aaagcctggg	gctgcagttg	gtggggcaac	480
tcttcactgt	gcttgtagct	gggctggggc	aggatcctga	acctctcggg	ggcgtagccc	540
gcggaacgtg	gtcggcttgt	tggatgaagg	gtgccactgg	ccctggatgc	tagggttgtc	600
ggtgtggaag	ggcttgcgga	tgcggatcac	gtccaagccc	gactggctcg	ccagcttctg	660
caccagcgct	gagatctcct	cgaccgactt	gcagtggatg	ctctcctcgc	gcacagcc	718

<210> 3773

<211> 1677

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(910)

<223> similar to gil504042 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3773

atcaagttca	ccgacattca	aggagatccc	gctgtggatc	tatagcctga	agacactgga	60
ggagctgcac	ctgacgggca	acctgagcgc	ggagaacaac	cgctacatcg	tcacgacgg	120
gctgcgggag	ctcaaacgcc	tcaagggtgt	gcggctcaag	agcaacctaa	gcaagctgcc	180
acaggtggtc	acagatgtgg	gcgtgcacct	gcagaagctg	tccatcaaca	atgagggcac	240
caagctcatc	gtcctcaaca	gcctcaagaa	gatggcgaa	ctgactgagc	tggagctgat	300
ccgctgtgac	ctggagcgca	tccccactc	catcttcagc	ctccacaacc	tgcaggagat	360
tgacctcaag	gacaacaacc	tcaagaccat	cgaggagatc	atcagcttcc	agcacctgca	420
ccgcctcacc	tgcttaagc	tgtggtacaa	ccacatcgcc	tacatcccca	tccagatcgg	480
caacctcacc	aacctggagc	gcctctacct	gaaccgcaac	aagatcgaga	agatccccac	540
ccagctcttg	tactgccgca	agctgggcta	cctggacctg	agccacaaca	acctgacctt	600
cctccctgcc	gacatcggct	cctgcagaac	ctccagaacc	tagccatcac	ggccaaccgg	660
atcgagacgc	tccctccgga	gctcttccag	tgccggaagc	tgcgggccct	gcacctgggc	720
aacaacgtgc	tgagtcact	gccctccagg	gtgggagagc	tgaccaacct	gacgcagatc	780
gagctgcggg	gcaaccgggt	ggagtgcctg	cctgtggagc	tgggagagtg	cccactgctc	840
aagcgcagcg	gcttggttgt	ggaggaggac	ctgttcaaca	cactgccacc	cgaggtgaag	900
gagcggctgt	ggagggtgta	caaggagcag	gcctgagcga	ggccggccca	gcacagcaag	960
cagcaggacc	gctgcccagt	cctcaggccc	ggaggggcag	gcctagcttc	tcccagaact	1020
cccggacaag	ccaggacagc	ctcgtggctg	ggcaggagcc	tggggccgct	tgtgagtcag	1080
gccagagcga	gaggacagta	tctgtggggc	tggccctttt	tctccctctg	agactcacgt	1140
cccccagggc	aagtgttgt	ggaggagagc	aagtctcaag	agcgcagtat	ttggataatc	1200
aggggtctcct	ccctggaggc	cagctctgcc	ccaggggctg	agctgccacc	agaggtcctg	1260
ggaccctcac	tttagttctt	ggtatttatt	tttctccatc	tcccacctcc	ttcatccaga	1320
taacttatac	attcccaaga	aagttcagcc	cagatggaag	gtgttcaggg	aaaggtgggc	1380
tgctttttcc	ccttgctcct	atttagcgat	gccgccgggc	atttaacacc	cacctggact	1440
tcagcagagt	ggtccggggc	gaaccagcca	tgggacgggtc	acccagcagt	gccgggctgg	1500
gctctgcggg	gcgggtccacg	ggagagcagg	cctccagctg	gaaaggccag	gcctggagct	1560

tgcctcttca	gtatttgtgg	cagtttttagt	tttttgtttt	ttttttttta	atcaaaaaaac	1620
aattttttta	aaaaaaaaaa	gctttgaaaa	gggatggttg	gggttttaaa	aaaaaaa	1677

<210> 3774
 <211> 1709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> similar to gi2289790 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3774						
ggacagtcct	tcggttacat	tctctatgag	accagcatca	cctcgtctgg	catectcagt	60
ggccacgtgc	atgatcgggg	gcaggtgttt	gtgaacacag	tatccatagg	attcttggac	120
tacaagacaa	cgaagattgc	tgtccccctg	atccaggggt	acaccgtgct	gaggatcttg	180
gtggagaatc	gtgggcgagt	caactatggg	gagaatattg	atgaccagcg	caaaggctta	240
attggaaatc	tctatctgaa	tgattcaccc	ctgaaaaact	tcagaatcta	tagcctggat	300
atgaagaaga	gcttctttca	gaggttcggc	ctggacaaat	ggagttccct	cccagaaaca	360
cccacattac	ctgctttctt	cttgggtagc	ttgtccatca	gtcccacccc	ttgtgacacc	420
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cgttactgga	acattggacc	ccagaagacg	ctttacctcc	caggtcctctg	ggttgagcag	540
cggaaatcaac	caggtcatcg	tttttgagga	gacgatggcg	ggccctgcat	tacagttcac	600
ggaaaccccc	cacctgggca	ggaaccagta	cattaagtga	gcggtggcac	cccctcctgc	660
tggtgccagt	gggagactgc	cgcctcctct	tgacctgaag	cctggtggct	gctgccccac	720
ccctcactgc	aaaagcatct	ccttaagtag	caacctcagg	gactgggggc	tacagtctgc	780
ccctgtctca	gtcctaaacc	ctaagcctgc	agggaaaggt	gggatggctc	tgggcctggc	840
tttgttgatg	atggctttcc	tacagccctg	ctcttgtgcc	gaggctgtcg	ggctgtctct	900
aggggtggag	cagctaatca	gatcgcccag	cctttggccc	tcagaaaaag	tgctgaaacg	960
tgcccttgca	cggagctca	cagccctgcg	agcatctgct	ggactcaggc	gtgctctttg	1020
ctggttcctg	ggaggtttgg	ccacatccct	catggccccca	ttttatcccc	gaaatcctgg	1080
gtgtgtcacc	agtgtagagg	gtggggaagg	ggtgtctcac	ctgagctgac	tttgttcttc	1140
cttcacaacc	ttctgagcct	tctttgggat	tctggaagga	actcggcgtg	agaaacatgt	1200
gacttccccct	ttcccttccc	actcgtgct	tcccacaggg	tgacaggctg	ggctggagaa	1260
acagaaatcc	tcacctgctg	tcttcccaag	ttagcagggt	tctctgggtg	tcagtgagga	1320
ggacatgtga	gtcctggcag	aagccatggc	ccatgtctgc	acatccaggg	aggaggacag	1380
aaggcccagc	tcacatgtga	gtcctggcag	aagccatggc	ccatgtctgc	acatccaggg	1440
aggaggacag	aaggcccagc	tcacatgtga	gtcctggcag	aagccatggc	ccatgtctgc	1500
acatccaggg	aggaggacag	aaggcccagc	tcagtggccc	ccgcccccca	ccccccacgc	1560
ccgaacagca	ggggcagagc	agccctcctt	cgaagtgtgt	ccaagtccgc	atttgagcct	1620
tgttttgggg	cccagcccaa	cacctggctt	gggctcactg	tcctgagttg	cagtaaagct	1680
ataaccttga	atcccaaaaa	aaaaaaaaaa				1709

<210> 3775

<211> 1473
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (89)...(1363)
 <223> similar to gi902624 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3775

gcgaccgcgg	gcgatgccaa	aaacgaagcc	ccatgtgcc	ctcccctgat	ctgcagcttc	60
ggtaggcgg	tggacctgga	agaaggacga	ctaccagaag	gtggtgtgca	acaacgagca	120
ctgcccctgc	agcacctgga	tgcacctgca	gtgcttctac	gagtgggaga	gcagcatcct	180
cgtccagttc	aactgcatcg	gccgcgcgcg	cacgtggaac	gagaagcaat	gccgccagaa	240
catgtggaca	aagaaggggc	tacgacctgg	gccttcgcgt	tctgctcttg	ccgctgtggc	300
cagggcaact	tgaagaagga	cacagactgg	tatcaggtga	agcggatgca	ggacgagaaa	360
aagaagaagt	ctggctccga	gaagaacaca	gggaggcctc	ctggtgaggc	ggcggaggag	420
gcaaaaaagt	gcaggccccc	aaataagccc	cagaaaggcc	caagccacga	cctccccgcg	480
cggcattcca	tggaccggca	gaactcccag	gagaaggcag	tgggtgccgc	agcctacggt	540
gcccgttccc	ccggtggctc	cccgggccag	tccccacca	cgggtactc	catcctctct	600
cctgcccact	tcagcggccc	ccgctcctcc	agatacctcg	gggagttctt	aaagaacgcc	660
atccatctgg	agcctcacia	gaaggccatg	gctggggggc	atgtgttcag	aaatgcccac	720
tttgattaca	gccctgcggg	gttggcagtt	cacagggggg	gacacttcga	cacccccgtg	780
cagttccttc	ggcggctgga	cctctccgaa	ctcctcactc	acatccccag	gcataagctg	840
aacactttcc	acgtgcgcat	ggaagacgat	gcccaagtgg	gccaggggga	agacttgccg	900
aagttcattc	tggccgcgct	cagtgcagc	cacagaaacg	tggtaaactg	tgccctgtgc	960
caccgggcgc	tcccgtgtgt	cgaacagttc	ccactggtgg	atggaacttt	gttcctaagc	1020
ccgtcgagac	atgatgagat	cgaatatgat	gttccttgtc	accttcaagg	gagactcatg	1080
catctgtatg	ccgtgtgctg	ggactgcctg	gaaggggttc	acaagatcat	ctgcatcaag	1140
tgtaagtcac	ggtgggatgg	cagctggcac	cagctgggca	ctatgtacac	ctacgacatc	1200
ctggctgcct	ctccatgttg	tcaggccccg	ctgaactgta	agcactgtgg	gaagccggtg	1260
atcgacgtga	ggatcgggat	gcagtacttc	tccgaatata	gcaacgtcca	gcagtgtcca	1320
cactgtggga	acctggacta	ccacttcgtg	aagccatttt	cctccttcaa	agttctcgaa	1380
gcttattgat	gaaagctttg	ctttagtaat	agctatttta	ttgatattat	tactttatta	1440
catatctttt	atagggaaac	catctcaata	aac			1473

<210> 3776
 <211> 2039
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (103)...(994)
 <223> similar to gil791257 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 3776
cccagacaga agagaccacg gtaaagatca gctgacggcc tctgtgggaa caaagacagg      60
gaaaggggaa atgagttcac cagaaaccaa caggcagcac aggaggtggt aaacccgaaa      120
aagaaaatga agaaaaagaa atacgtgaat tctggcacag tcaccctgct ttcctttgct      180
gtggagtcag agtgacacct ccttgactac atcaaaggag ggaccagat caacttcact      240
gtggccattg atttcactgc ctccaatggg aacccctcac agtccacatc cctgcactac      300
atgagccccct accagctgaa cgcctacgcg ctggcgctga ctgccgtcgg agagatcatc      360
cagcactacg acagtgacaa gatgttcctt gccctgggct tcggggccaa gctgcccccg      420
gatggcagag tgtcccacga gttcccactg aatggcaacc aggagaaccc ctcatgctgc      480
ggcatcgacg gcatcctgga ggcctaccac cgcagcctgc gactgtgca gctgtacggc      540
cccaccaact ttgccccctg ggtcacccac gtggccagga atgcagcggc cgtgcaggat      600
ggctcccagt actcggtgct gctcatcatt actgatgggg tcattctcga catggcgcag      660
accaaggagg ccattgtcaa cggttgccaa gctcccatg tccatcatta tcgtcggcgt      720
gggccaggca gagttcaacg ccatggtgga gctggatggc gacgacgtgc ggatctcctc      780
ccggggggaag ctggctgaac gcgacatcgt ccagtttgta cccttcggg actatgtgga      840
ccgcacaggc aaccacgtgc tgagcatggc ccgcctggcc cgagacgtgc tggcagagat      900
ccctgaccaa ctggtgtcct acatgaaggc acagggcatt cgcccgcgtt ccccaccgcg      960
agcaccaacc cactcgccct cgcagtcccc agcccgacag cccctgcgt gccccctgca     1020
cacgcacatc tgaacctggt ctcagcaggc aggtggctgg ggccctggag aggccagggtg     1080
aatgggaggc cagggcccca gactccccga agttggcctg ccgggccttt gggacatctg     1140
tgtgcctggg aggctgccag ggggtggggc ttctgaagac cctcctcaa tttcttgcc      1200
tcacttattg cccaaaccca gggagttagg ggggtacggg tgaaagagg gtacacagg      1260
accagccct tctcttcttc cccaatacct ggctctaacc cagccaggaa ggtgtaaaca     1320
ataagggtga ttggggtccc tgtcgccac ccccggaat cctatttgct tacctgtcac     1380
cctgaagcct gggcttggcc tcctccagcc ccccatctcc gtcccatcct cccatggtgt     1440
ctactcctgt ccctgagccc cgccctgtgg tctatcctgt gcccgatttc cagtgaacct     1500
catgaagctg atgggtttgc aggaaggcct gaacatgtgc accctcccag ggacactgga     1560
tgcgctggga gccccgggga ccccatgggg tgctgtaatc atggaccgta ggccatgtga     1620
tgggcctgaa gtggaggctg ctcagcacag agccctttct ggtgcctctc gaactcagta     1680
cgatgcaagt tctagacaca cagatggcct gtggaggcct ctccctggtg tgggccaca     1740
gggtactcca tgggtgactc ctggcttcag gaatcccttc ctccctccag aggettcca     1800
gggccctcgg tgcccacgcc tctgcccac tggaggcctg agtaaggagt ggctcaacct     1860
cacgttccca cactgtcctt gctctttgcc ctgtatccca tgaggctagg agacaggagt     1920
cctgggtttg agccctgcct ccccccactg cctaattgtg gaaccaagc aaggcccttc     1980
taccttttgg gcctcagttt ccatgtctgt acgacaagag ggttggaaca agatggccc     2039

```

<210> 3777

<211> 1324

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (397)...(912)

<223> similar to gi3327046 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3777

```

tttccgggtt tttattaatg cttattgctt ggtaatggtg tagtggtttg ttttaacagg      60

```

atttggggat	gacagagcta	agggcctttt	tcaatttttc	acttttaacc	agaagacacg	120
gctataaaac	aaaacaaaac	atgattttca	cggagaaaac	tgaaaggaaa	ttggttaaat	180
tggctgtttt	cttgtttagt	tctttttaaga	caatagaact	tgtcattgaa	tggaacatgc	240
tttgtgggga	agtaaaat	gagatatact	ttgaaggatg	agaaacgggc	ttctcacagc	300
attgcacaga	acactgcgat	ggtgtcctca	gaccgaagcc	aactttcctt	tctgccaca	360
gaagctcaag	cccaggtgtc	gccgccaccc	ccttaccctg	cacccagga	gctcaccag	420
cccctcctgc	agcagccccg	cgccctgag	gcccctgccc	agcagcccca	ggcagcctcc	480
tcactgccac	agtcagactt	tcagcttctc	ccggcccagg	gctcatcttt	gaccaacttc	540
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ggtgcctctg	gtgcaacaag	gttcccagaga	actgcaggac	tcttttcatt	tgagaccaag	660
cccgatttcc	aactgcggga	gtctcccga	caccatcctg	ccagaagact	ccagcaccag	720
cctgttcaaa	gacctcaaca	gtgcgctggc	aggcctgcct	gaggtcagcc	tgaacgtgga	780
cactccattt	ccactggaag	aggagctgca	gattgaaccc	ctgagcctgg	acggactcaa	840
catgttaagt	gactccagca	tgggcctgct	ggacccctct	gttgaagaga	cgtttcgagc	900
tgacagactg	tgaacagaag	gcagtggaac	agaagaatgt	ttttctgcaa	cagccaaaat	960
agaatggaat	agaatgaagc	cagctgatac	cacgggcttt	cgttatcttg	acatagaagg	1020
aagcaatgcc	acggctccag	ggtttcagat	gagatcccat	ctcagacact	gtggcttcct	1080
ccagatcaca	cagcttttga	ctgcctctcc	cgctgtggc	caaagtcgtg	ttgcagcagg	1140
caggctgctt	ggagcttccc	atgaactgga	aagctcacct	ccactgcac	tttttactgg	1200
ccatccagtc	agccgatgtg	taagagtagg	aaatactgtg	tcactggagg	cctccgtagc	1260
attgtgtagt	gtgctcagaa	ccactgatct	ccgtccgcac	cgaaggcggg	cccggagtgg	1320
gagg						1324

<210> 3778

<211> 1330

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (471)...(1044)

<223> similar to gi3702137 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3778

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gctccatgag	agggaggtgg	gacttgagag	gggcttacag	cctgggtgag	aggcaaagag	120
gaggccagag	accttctggg	tagagaggac	cctcgggcca	aggctcagag	gtggatgaac	180
gggggagcct	taggtggaac	agcacagggt	ggaaccggc	agaggacaat	gggagctgat	240
ggaggctagg	ccagagtggg	gccttcagtg	atgcttgaac	cccaggcttc	agactccaga	300
agagccaagg	gcaggtggcc	cggtgcaga	gcctgtggca	ggcaggcctc	actcactata	360
cccttctgtg	tcctttgcct	gcagagacct	gtctgggccc	cagagaggag	tctggaggcc	420
ccccgagcca	ggctgagcca	gccgctaggg	gcacggagca	gtgccacct	tgcgccagt	480
gtggccagag	cttcggccgg	aaggagctca	gtgcgccgca	ccagcgcgtg	catcgtggcc	540
cccggccttt	cgctggtgct	cagtgtccca	agagcttcac	gcagcggacc	acccccgcca	600
gccaccgtcg	ggcgcacgtg	gccgagtgc	cctacacccg	cgcccaatgc	ggcaagacct	660
tcctccagca	gtcgacgctc	acacccacta	ctgcgcgcac	atcaggggaga	agccctacga	720
gtgcgccaag	ctctttggcc	gcctgtccac	gctgctggag	caccggcaca	tgcacacggg	780
tgagcgcccc	ttccagtgc	cgcaatgtgg	ctgctgcttc	agccgcctgt	ccacgtgct	840
ggagcaccgg	cacacacaca	tcagcgagaa	gcccttcag	tgtgcgcagt	gcgacaagcg	900

tttcacgcgt	ctggccaacc	tgaccgtgca	ccagagagtg	cacttgggcg	agcgctcctt	960
ccagtgcgcc	cagtacagca	ggagattcat	gcagaagccc	ggcttcctgc	gtcatctgtg	1020
tggccactcg	caggagaagc	actatccttg	cagcccttgt	ggttcccatg	atcagtgggtg	1080
aaatatagtg	attttcacct	gtgcttccat	tctgaagtcc	tggaaagaag	tactggatgg	1140
actgaagtcc	aggacaacgt	cccaaagaaa	ggcagagtcc	aggtaggctt	ggaggaccaa	1200
gccctggatg	agcactggag	ggcagaggcc	tcagtgtcca	gcactgtgcc	ctgcacatgg	1260
aaagccccta	cgtttgtgga	atgaatgaat	aataaaaatg	ttttcataag	tgataaaaaa	1320
aaaaaaaaag						1330

<210> 3779

<211> 3274

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3262)...(1117)

<223> similar to gi505033 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3779

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ttgaaccatg	gattattgaa	caatactggt	aatccacctc	tccctcgcac	ccttttgggc	120
tatgtgagct	aggaattttc	tgactagcac	caatacagat	tgtaacagcg	caacagacta	180
gaacatggcc	agtccaggca	ttagagttaa	ggacattgtg	gcaaatacatg	atcataatga	240
agtcattctt	aatttagtag	atattaaaac	tgcacgttaa	ttatatctct	taaaggcatt	300
taattaacgc	agagattgct	acatttaagc	catctgctag	ttgtgagtag	tttttaaaaa	360
actgtacaat	tttataaaa	ttgtgttttt	acattagtta	cacaaaatgc	atacttcata	420
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tcccgtccgc	gtagcagcca	tctggcatcc	ttatcccgtc	cagagccatg	gctccttccg	3180
cgcgctccta	gcgctccggg	cccgggactc	gcgcggcaac	aggcgagggg	ctggaggctc	3240
gcggggcggc	ggtgtccgcg	tccgcccggg	aatt			3274

<210> 3780

<211> 1891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(943)

<223> similar to gil234793 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3780

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ttcattatgc	catctatgga	tttttaaaaa	tgagtgcac	cctagcagtt	tacatctttg	180
aagagaacca	tgtggttcaa	gagaagatct	ggtctgtgtt	ggagtcccca	aggggtgttt	240
ggatgcaagc	tgaaatcacc	tttaagaagc	ccatgcctac	caaggtgggt	ttcatgagcc	300
tatgcaaaa	tttctgggac	tgtgggcttg	tagccctgga	tgacattaca	atacaattgg	360
gaagctgctc	atcttcagag	aaacttccac	ctccacctgg	agagtgtact	ttcgagcaag	420
atgaatgtac	atttactcag	gagaaaagaa	accggagcag	ctggcacagg	aggaggggag	480
aaactcccac	ttcctacaca	ggaccaaagg	gagatcacac	tactggggta	ggctactaca	540
tgtacattga	ggcctcccat	atggtgtatg	gacaaaaagc	acgcctcttg	tccaggcctc	600
tgcgaggagt	ctctggaaaa	cactgcttga	cctttttcta	ccacatgtat	ggagggggca	660

ctggcctgct	gagtgtttat	ctgaaaaagg	aagaagacag	tgaagagtc	ctcttatgga	720
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catcaggata	ttctgaggac	ttaaattgaaa	ttgagtatta	agaaatgatc	tgcattggat	960
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tacaaatgta	ctatatgtta	gtcattttta	agtacacaaa	gggcacaatc	aaaatgagat	1260
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agcaactttt	ataaatgtgt	taaacaattt	tactgatttt	tataataaat	attttggtaa	1740
gattttgaat	aatatgaatt	caggcagata	tactaaactg	cttttattta	cttggttaga	1800
aaattgtata	tatatgtttg	tgtatcctaa	cagctgctat	gaaattataa	aattacctaa	1860
taaaaaataat	ttgaaaatct	taaaaaaaaa	a			1891

<210> 3781

<211> 1909

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1904)...(1434)

<223> similar to gi4567180 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3781

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aaatgccaga	acattagcaa	ccagtagtat	caaataacaa	aattaaaagt	atggcctaaa	120
aggccccaga	gaaagtgcac	tttggggaac	actcttatgt	gtaaacagag	cttcagtcgg	180
ccttaggaaa	ctcactcgaa	gttactgata	tggtctgttg	gtgcttcctt	gtattcacat	240
attgggaaac	ttgatcccc	aatgtaacag	tatgaagagg	gaggaccttt	gggagggtcat	300
gaggtcaggg	cccttgtagc	tgggattagc	acccttataa	ggggcctgag	gaagtctgct	360
gtttacaacc	acgtgaagac	acacatcaag	acacaagcac	tacctatgaa	gaacataccc	420
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gaagggactt	aagacagttg	ccttcacatt	tagctgcaaa	aatcactata	aaaataatct	600
gtgctcagat	gtatatactt	attgaatcca	tgcataattc	tttctgaata	tcaaacctgc	660
tgtgttttct	tttcttctt	gccctccca	caatcactga	agccgatttt	gaccagacaa	720
ctggccaaaa	cagaagactg	tttaaaataa	catagtctcc	cttaattaaa	agttttatct	780
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tttgctaact	ctgaaaaaaa	aatttttccc	ctcacaaaac	accggcaaac	tcctgccact	900
tcctagcttg	gtggctgcca	gcgtgcactg	cagggaaacg	gtgggtggag	ggataggaag	960

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cgctgaagaa	acagagatgt	ggaggcaggc	gtgacctgtc	ccagctctag	gacagttact	1140
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accccgagtc	ccccccccag	gggagaactt	ctcacagccc	tgctgacaaa	gcgcgcagcc	1380
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cggtagggct	tctcgcccg	gtggatccgc	tggtgcacag	tgaggaggga	gttcttgatg	1560
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gagttcttgc	tgaaggcctt	gccgcactcg	ctgcactcga	aagcttcacg	ccgatgtgga	1860
agcgctgggtg	ctggatgagg	taggagctct	ggctgaaggc	cttgccga		1909

<210> 3782

<211> 1638

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(1336)

<223> similar to gi4877759 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3782

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gtggcagcag	ctgctgccaa	ggccaagatg	gccacgagca	tccctgagcc	ggaggggtgca	180
gctgctgcc	ctgctcagca	cagtgtctgag	ccctgggcca	ggatgggagg	caagaggacc	240
aagaagtcca	agcacctgga	tgatgagtat	gagagcagcg	aggaggagag	agagactccc	300
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ccccgcaacg	tgacccttct	gcaggagagg	gcaaataagt	tggtgaaata	cctgatgatt	480
aaggactaca	agaagatccc	catcaagcgc	gcagacatgc	tgaaggatgt	catcagagaa	540
tatgatgaac	atttccctga	gatcattgaa	cgagcaacgt	acaccctgga	aaagaagttt	600
gggatccacc	tgaaggagat	cgacaaggaa	gaacacctgt	atattcttgt	ctgcacacgg	660
gactcctcag	ctcgctcct	tggaaaaacc	aaggacactc	ccaggctgag	tctcctcttg	720
gtgattctgg	gcgtcatctt	catgaatggc	aaccgtgcc	gcgaggctgt	cctctgggag	780
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catgccaggg	cccagatgag	ggcccagatg	aatatcgggg	atgaagcgct	gattggacgg	1140
tggagctggg	atgacataca	agtcgagctc	ctgacctggg	atgaggacgg	agattttggc	1200
gatgcctggg	ccaggatccc	ctttgctttc	tgggccagat	accatcagta	cattctgaat	1260

agcaaccgtg	ccaacaggag	ggccacgtgg	agagctggcg	tcagcagtg	caccaatgga	1320
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tttcattttg	tgttttctct	tgtgttttca	tgttttgggt	atcagtggtt	cattaaagtt	1620
gcaaaattaa	aaaaaaaa					1638

<210> 3783

<211> 2124

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (280)...(1304)

<223> similar to gi2804429 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3783

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ggcgaccaga	cgcacgcgc	cgcacagact	cccggccccg	gcgagcccc	gcacgaggac	120
gcacgctacc	ctggaatgca	ggctacgcga	tgcattatca	atgcagagaa	atctgaattc	180
aatgaggatc	aagccgcctg	tgggaagctg	tgcacccgga	gatgtgagtt	tggggctgaa	240
gaagagtggc	tgaccctgtg	cccagaggag	ttcctgacag	gccattactg	ggcactgttc	300
gatgggcacg	gcggtcctgc	agcagccatc	ttggctgcca	acaccctgca	ctcctgcttg	360
cgccggcagc	tggaggccgt	ggtggaaggc	ttggtggcca	ctcagcccc	catgcacctc	420
aatggccgct	gcatctgccc	cagtgaccct	cagtttgtgg	aggaaaaggg	catcagggca	480
gaagacttgg	tgatcggggc	attggagagt	gcctttcagg	aatgtgatga	ggtgatcggg	540
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ggactctggg	atgtactgtc	caacgagcag	gtggcatggc	tgggtcggag	cttcctccct	1140
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tggggtagag	cacaaggag	aagaggaact	cttggagtgg	gctgggtgag	agggctctcc	1980
atttgctacc	tgtatgagcc	tgcctcttaa	ctggttgctt	ctccctagtt	ccagccctgc	2040
cctggtctga	tgccccaaca	ctgcccttgc	tttgttttcc	ctgtcacctc	cctattatta	2100
aatgttttct	acagaaaaaa	aaaa				2124

<210> 3784

<211> 2042

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2044)...(1169)

<223> similar to gi5578968 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3784

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ttaaataatt	tgcttggtga	gctattctca	aatgtagcac	attttaagat	tttgccatca	180
ttatgactgt	ggaatcattg	tttggttttc	atagggaaac	agatctgtca	cagtatgaag	240
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cagaatataa	ctaaagggca	ggcttcgatg	gctccacaaa	gggttgctg	cggttaccaa	360
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tgctgtggcag	cctcatcaaa	agcattttcta	tttcatttgc	agatatcttg	gagtccagct	600
gctgcatgta	tgaccaaaga	tattctatgt	tggtccaaa	aggatggacg	tgaagaaacg	660
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ccacatgaag	gcggcctgaa	tcttttttgt	cgggtgctaga	ccctaategc	atcctataac	1800
cagaaaggta	aatggcttta	tcaaccatga	attcctctgc	aaagcgaatg	tgacaaaaat	1860

tcttcttctgt	tttccgaatt	gctgtaatat	caccgcactg	ttcaaagact	tcttgaataa	1920
tttctctcagt	agcattttct	ggtaatcctc	cgacaaacac	ggtcttacac	ccaggagggtc	1980
gttctcttgt	ggaaggagggt	ggaagatttg	gatttttgagg	aaaaagagta	cagcttttgc	2040
ag						2042

<210> 3785

<211> 1985

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (23)...(1029)

<223> similar to gi5001458 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3785

tgccaccagt	gccacaatgc	agtggctgga	cattcggata	cagctcatgg	gggcggcagt	60
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gctggtgggc	ttgtcgctgt	cttatgcct	gtccctgacg	ggcctgctct	cgggcctggt	180
gagcagcttc	acacagacag	aggccatgct	ggtgagcgtc	gagcggtgg	aagagtacac	240
ctgtgacctg	ccccaggaac	cccagggcca	gccactgcag	ctgggcaccg	gctggctgac	300
ccaggggggc	gtggagtcc	aggacgtggt	gttggcgtag	cggccagggc	tgccgaatgc	360
cctggatgga	gtgaccttct	gcgtgcagcc	tggagagaag	ttgggcatcg	tgggcccac	420
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gttggctatc	atccccagg	agcccttttt	gttcagtggg	actgttcggg	aaaacctgga	600
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aagatcctgt	gtatcgatga	ggccacagca	agtgtggacc	agaagacaga	ccagctgctc	840
cagcagacca	tctgcaaacg	ctttgccaac	aagacagtgc	tgaccattgc	ccataggctc	900
aacacgatcc	tgaactcaga	ccgggtgctg	gtgctacaag	cggggagagt	ggtagagctg	960
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tgagatccgg	agcaaaacaa	gcccctgtgc	tgttggggag	tggccccgtg	gcaaggtaca	1860
cttaaaactga	agttggccca	aaagggtttg	ccactgttgt	tgggtgtgtt	gggaaattaa	1920
aaagactcca	aggtttgtcc	cctaggccct	ggtgaaagtg	tgtgaatttt	tgaaaagtcc	1980

<210> 3786
 <211> 1122
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (17)...(723)
 <223> similar to gi2696613 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3786
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 ggctgccatg ctcacagctg cccctgggtt taccgcctcc ccactcagtg cagaagaagc 180
 tgccctgcgt cgggccctgg aacacacgga tggtgaccac agttctctga tccaggtgta 240
 tgaagccttt atacaaagtg gagcagatga ggcttggtgc caggctcgag gtctgaattg 300
 ggcagcattg tgccaagccc ataaacttcg gggagaactc ctagaactca tgcaacgaat 360
 tgaacttccc ttgtccctac cagcctttgg ctctgagcag aatcgagag accttcagaa 420
 agcactgggtg tcaggatact ttctcaaggt ggccagagac acagacggga ctggaaatta 480
 cctactccta acccataagc atgtggccca gctctcctca tactgctgct accgaagccg 540
 cagagctcct ggccagaccc ccaccatggg tggcttttac cacaattttc accatatcca 600
 aagacaactg cctttccatt gtttctgaga ttcaaccaca gatgctgggtg gaattggccc 660
 ctccatactt cctgagtaac ttgcctccca gtgagagcag agaccttctg aaccagctaa 720
 gggaaggaat ggcagattct acagcagga gcaaatcatc cctcagcccc cggagttcag 780
 agatccccctg tgtccctgca gtgacctgc ctgccctatg gaatggagct gggttcatct 840
 catcacatta gattatccct cagggtgaca ccaaagcacc cagacagatt tagaagccca 900
 aagtttaggg tcaaagttaa accctggaac ctgagtccca agaaatggta gactgggaat 960
 ggaaagaatg gggtaaacca cagtctacat agggaaggac tctttcctta gccttctctt 1020
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 tactcccttg tgatctataa aagatttttc tatgatgcca aa 1122

<210> 3787
 <211> 1773
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4)...(360)
 <223> similar to gi1537068 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3787

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atcaagtggg ttaggttctt caaacctggg aggattttgg atctagctct gggtttggat 120
gcagcaccac aggggcctcc acatttggat ttggaacagc aaataaaccc tcaggaagtc 180
ttagtgcagg ctttggcagc tcaagtacat ctgggtttaa cttcagcaat cctggcatca 240
cggcatcagc tggtttgact tttggggtgt ccaatcctgc ctctgcaggt tttggaacag 300
gaggacagct ccttcagttg aagaaacctc cagctggaaa caaaagagga aaaagataaa 360
catgggttga tgtgttgaga gaatccatag cagcaccgtt cattctatga gtctattttt 420
ctaattgatgc agtaattaaa ttgcatccca ggagatttat aaagggttga ttttttccc 480
tactctggaa tttgaacttt cttcatgttt gccatactga acatcttttt tcttgtggaa 540
tttaaagtcc agctgtgttt tctttttaat ttgattctca gtgtaagaaa tgttctgatt 600
acatcactga ttggtaatgg ttagaaacca ttaacctaaa acttactatt taacctagtg 660
tttttgttga tgaggtttac attatgtgaa tacatgcaca tttgtttctt atacaggtgg 720
tgtgaactct agggcctata ctagaatcaa tttgttcctt gttaaaggcc ttttgaatta 780
tactgcaggg catcttgtga atatgtatgt aaatatatac agaataatac acacagttgt 840
gtgtgcatat aaaatacata tttacgccag gcgtgggtggc tcaagcctgt aatcccagca 900
ctttgggagg ccgaggcagg cggatcacct gaggtcagga gtttgagacc agcctgacat 960
ggtgaaaccc catctctacg aaaaatacaa aaattagctg ggcatagtgg cgggtaccta 1020
taatcccagc tactcgggag gctgaggcac gagaatcact tgaagccggg aggtgggggt 1080
tgcaagtgagc cgagatcaca ccactgcact ccagcctggg caacaagagc aaaactccgt 1140
ctcaaaaaag atgaaaataa aataaaatat atatttacag gcctacaact tttgcctcag 1200
actgttcccc ttttctaagg gtattcaagt tttcaccttt taagcttcat atcctcagtg 1260
cttgtagaat gatgagctta gaggtaccag gtcattgcag ttgtttgctt aaagacttat 1320
tgaaatggtt actggcgtaa atacttgccc aactcaactt tattgcccct gatcttttcc 1380
atttttgttt ccaccttaac ctatagcagc tcttccaaat gaggaatgct gtaagtaaga 1440
ctcatcaaac agattttaac cattttatta tctgtgtgtt ccttacattg cttctgtgag 1500
atgttttttt cttatctgag atgaactttc aggagcctat ttgaactcca gactggtgtt 1560
ctggggcaaa gagctattag ccaaactgat tctatgcagg tgaaggatgc actaaagttc 1620
tcactttagt gagaactttt ctagctattc caatacagag ttctttctta tagggctatt 1680
gatattgaca ccaaattggac tggcttctca gcctcttaat gtcttaagta agtgcttaat 1740
ttggaataga gaaaccagta tattctatag aag 1773
```

<210> 3788

<211> 1854

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1844)...(910)

<223> similar to gi2507613 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3788

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gagagctagc accatagctt caataccctg attgaatgtc acccttgact gcctaactca 60
tctctttccc aagtcatagg ttatccctgg tcttggctga ttatcacagg cagggaggga 120
gggaaagagg caaagggaga aggccctgtg tgggactcaa acttgctcac cccttttctg 180
taatctgcag ctcactcttg ctgccactca gcagatctgg tctccctaac tcttttttcc 240
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cctgcctcta	ctttgagact	caattgcttc	cccaggactt	tttttctccc	caagccaaag	300
aatgaaagtt	caatcatccc	agctcagttc	ttatcaagca	ttccagctag	cctatgccag	360
agatgttaca	cagctcttta	ataatagtgg	ccatagctgt	aataacaatg	acaacagtag	420
gtagcggtag	tcataccaac	agtagggcag	tgcattttat	attacaactg	gtttcttgct	480
ctagtaggct	tggggatggg	tgaagacgga	cagggctggc	gcagaccctt	tccttctcct	540
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aaaagtctct	ttttggctta	acaatacccc	tgagaccttg	ttcagtgggc	tgtgtctctc	660
cctgggatgc	tgggagcacc	aagtgtggcc	cgagctaggg	ctgctgactt	cctctgggcg	720
cctctgggct	gcgaggggtc	cttacaggaa	ttgaggccct	ttgctgctcc	aagaaatgct	780
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ccactggtca	gattggtaca	tcagggggccc	accactgtca	ccctggcagg	tgtccacacc	1080
cccttcggg	atgcctgcac	acatcatctt	ctcggtgact	tccttcctggt	acgcacgtc	1140
tgcattgcac	cgtgtgctgt	caatgacctg	gactgacgcc	tgcagcagta	tgtcagacat	1200
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gagctcctca	tcaaagaagg	gcagacagat	gggcctgact	gtgcctgaga	aagtgagtgg	1320
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gatgatgata	ttggccacag	ccagggatgg	gaagctgccc	agtttgtctg	agcctgcccg	1440
caccttcagg	ttgaacacat	cggtatgttt	cctgaagcag	tgggctgccg	tgaggaccca	1500
gtgggggtcc	aggatgtctc	ctccacagac	gtgctgtttg	tcgtactgga	tgtgacctg	1560
ccaaggccaa	gaatccacag	aggcctcttc	cccaccacc	acacgggggg	tcttcaggct	1620
ctccccacag	gcaagacagt	gcagggagac	cagggagcct	gagagacagg	gcccacttga	1680
gttccgcata	cgaagctcct	ggctgttttc	tgtgatttca	acaacatcca	gaccttggtc	1740
tgggccaatc	tccacagctc	tgaaagtggg	tttgcctgct	tagcccatct	gcctacaggc	1800
tgtctcagcg	agagcttctg	taagtgtctg	aaacaggcag	gaattcctgc	caca	1854

<210> 3789

<211> 1147

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(965)

<223> similar to gi4337086 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3789

ggaccattag	tacagtgcgg	tggaattcgc	gcattgggat	ggtgctgggc	gtggccatcc	60
agaagagggc	tgttctctgg	cctgtattgc	gtttgaagaa	gcctatgcc	gggcagacaa	120
ggaggcccct	aggccttgcc	acaagggctc	ctggtgcagc	agcaatcagc	tctgcagaga	180
atgccaaagt	ttcatggcac	acacgatgcc	caagctcaaa	gccttctcca	tgagttctgc	240
ctacaacgca	taccgggctg	tgtatgcggt	ggcccatggc	ctccaccagc	tcctgggctg	300
tgcctctgga	gcttgttcca	ggggccgagt	ctaccctctg	cagcttttgg	agcagatcca	360
caaggtgcat	ttccttctac	acaaggacac	tgtggcgttt	aatgacaaca	gagatcccct	420
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cggttcctcc	acatgggtctc	cagttcagct	aaacataaat	gagaccaaaa	tccagtggca	540
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tgtgtcacct	tcagcctgct	cttcaacttc	gtgtcctgga	tcgccttctt	caccacggcc	780
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agcagcggtt	tcggtgggta	ttttctgcct	aagtgtacg	tgatcctctg	ccgcccagac	900
ctcaacagca	cagagcactt	ccaggcctcc	attcaggact	acacgaggcg	ctgcggctcc	960
acctgaccag	tgggtcagca	ggcacggctg	gcagccttct	ctgccctgag	ggtcgaaggt	1020
cgagcaggcc	gggggtgtcc	gggaggtctt	tgggcatcgc	ggctctgggg	tgggacgtgt	1080
aagcgcttgg	gagagcctag	accaggctcc	gggctgccaa	taaagaaaaa	aaatgcgtaa	1140
aaaaaaa						1147

<210> 3790

<211> 2234

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (14)...(1379)

<223> similar to gi1524088 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3790

gggtggcacga	ggcgcccttc	accctaagat	gggtcccagc	ttccccagcc	cgaagcctgg	60
cagcgagcgg	ctgtccttcg	tctctgccaa	gcagagcact	gggcaagaca	cagaggcaga	120
gctccaggac	gccacgctgg	ccctccacgg	gctcacggtg	gaggacgagg	gcaactacac	180
ttgcgagttt	gccaccttcc	ccaaggggtc	cgtccgaggg	atgacctggc	tcagagtcac	240
agccaagccc	aagaaccaag	ctgaggccca	gaaggtcacg	ttcagccagg	accctacgac	300
agtggccctc	tgcattctcca	aagagggccg	cccacctgcc	cggatctcct	ggctctcctc	360
cctggactgg	gaagccaaag	agactcaggt	gtcagggacc	ctggccggaa	ctgtcactgt	420
caccagccgc	ttcaccttgg	tgccctcggg	ccgagcagat	gggtgtcacg	tcacctgcaa	480
agtggagcat	gagagcttcg	aggaaccagc	cctgatacct	gtgacctctc	ctgtacgcta	540
ccctcctgaa	gtgtccatct	ccggctatga	tgacaactgg	tacctcgccc	gtactgatgc	600
caccttgagc	tgtgacgtcc	gcagcaaccc	agagcccacg	ggctatgact	ggagcacgac	660
ctcaggcacc	ttcccgacct	ccgcagtggc	ccagggtccc	cagctgggtca	tccacgcagt	720
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tggagggacc	tcctctctac	aagccaccga	ccccaaaagc	gaagctggag	gcacaggaga	1020
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ttgatgctgg	cgctcatgc	actgagcagg	aaatgcctcg	ataccatgag	ctgcccacct	1140
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ctgccatgcg	cctggcgtct	cacatctcac	ctgttgatcc	cttagctttc	ttgccaagga	1440
tctagtgcc	cctgacctct	ggccaggcca	ctgtcagtta	acacatatgc	attccatttg	1500
taaatgtcta	ccttggtggc	tccactatga	cccctaaccc	atgagcccag	agaaattcac	1560
cgtgataatg	gaatcctggc	aaccttatct	catgaggcag	gaggtgggga	aggtgcttct	1620

gcacaacctc	tgatcccaag	gactcctctc	ccagactgtg	accttagacc	atacctctca	1680
cccccaatg	cctcgactcc	cccaaaatca	caaagaagac	cctagacctc	taatttgtct	1740
tcaggtagta	aattcccaat	aggtctgctg	gagtgggcgc	tgagggtccc	ctgctgctca	1800
gacctgagcc	ctccaggcag	caggggtccca	cttaccocct	ccccaccctg	ttccccaaag	1860
gtgggaaaga	ggggattccc	cagcccaagg	caggggttttc	ccagcacccct	cctgtaagca	1920
gaagtctcag	gggtccagacc	cttccttgag	ccccaccccc	cacccaatt	cctgcctacc	1980
aagcaagcag	ccccagccta	gggtcagaca	gggtgagcct	catacagact	gtgccttgat	2040
ggccccagcc	ttgggagaag	aattttactgt	taacctggaa	gactactgaa	tcattttacc	2100
cttgcccagt	ggaataggac	ctaaacatcc	cccttcgggg	gaaagtgggt	catctgaatt	2160
gggggtagca	attgatactg	ttttgtaaac	tacatttcct	acaaaatatg	aattttatact	2220
ttgaaactcg	tgcc					2234

<210> 3791

<211> 2076

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(843)

<223> similar to gi4929199 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3791

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aacagtcagt	ttagttaagg	atggaacctg	ggaaaggcca	ccattcctgc	ttgatggggc	1920
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<210> 3792

<211> 1226

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1196)...(466)

<223> similar to gi254449 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3792

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gagggaggag	tttaaaactg	tgcattgggac	caggaggggac	tcaaggggtg	cagtgggtgag	180
tgggagggaa	atacactttt	gggatgactt	cgtcaccctt	gagagagggg	tgtgagttac	240
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catggcagcc	accagcgcca	acttccagct	ctggggagga	aagatctccc	actggctcag	780
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caggtagccc	ccagcctcag	ccagcccata	ggtgcccagt	cggatgccat	tcatcaggaa	1140
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aggtgataat	caaccgcttt	gcgatac				1226

<210> 3793

<211> 5703

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5704)...(3551)

<223> similar to gi3882319 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3793

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ttggcccaag	tccttaaaac	ttttccatat	aaaaataaaa	agtccaagac	cagattat	180
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aacttgggga	taaaatatgt	ggtgtattaa	agcctcagca	tttaattgtc	aggggtcttt	300
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<210> 3794
 <211> 1623
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(550)
 <223> similar to gi456757 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3794

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att						1623

<210> 3795
 <211> 1296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1298)...(516)
 <223> similar to gi2314829 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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agaactccct ggctcattgg ttgaatcaga cttgtgacat ttggtggcaa atacttcaca 1140
attattctgc catcatctga actcaacatt tcttcatttg gacgtgctgg ggggaaatct 1200
aaaagaagca ctgctttttc taaaagtcct ttggatttca aatgcttctg tacctgtggc 1260
acaaagtact tttcaaacca ctgtctgaaa acagac 1296
```

<210> 3796

<211> 3886

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3876)...(644)

<223> similar to gi3334747 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3796
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ccccctgggt tttccctcc ccgcgttggt aaaccgcggg ccgtggattt aaatttgggg 120
gccccataaa aaaaatttta ttttgcaagc ccggggcgta taaattgggt cttttaaacc 180
ggcccccccc tttttttttt ttttgcaaaa tgctcaagtg tatttatgca acagactggc 240
catgtactga ggagggggagc gcaggctgag ggctgaggta ggagtggagg tcttcctcct 300
gcagccacca ggcagctgat caccatgtcc aagcgtcatt cctgagacct tcaggtgatg 360
ctcagctccc cagaacagca ggctggatgc atggccagag gagctcggcc agccccgggg 420
ctggtcctga gaggtggctg caggcggggg gggtaagggc ccctcctcca ggcagcaggt 480
gacccatagc ccacaccctc cacaagaaag cgggcgtgga cagtgtgttc aaagctgcag 540
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ccgcctggac	aggggcacaa	gttccactgg	ccttgggaagc	cgagctcaga	ggacatatgg	600
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gacgcctctc	tcccagctcc	cactctctgc	ctcctggctg	ggctcgggtt	ccgcctcctc	720
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tgtgctgggtc	tttgaacacg	aggctgtgct	ggtggtggga	acggggctgg	gagtagttcc	3840
agaaccgaag	gttgtgctgc	ttgtagcagc	tgagcgcacg	cgtggg		3886

<210> 3797
 <211> 1086
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1087)...(334)
 <223> similar to gi2950237 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3797

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ccaaggggtg	tgggctgcag	tctctggtgg	ccaaggacag	aagagctggg	cccggctgca	180
ggggcctcaa	cagcctcg	ggctcgggag	tccaggctgg	acagacgggc	caggagagct	240
catccaggag	aaggtcactt	cctgggcgtc	tgcccccttt	tctattgctg	tccaccagg	300
gaggcgtctg	ggtcctgggg	ggactggact	tcagttcacc	gtaggcacct	ggctgtggtg	360
caggctgaac	tccttggcct	tgagacggag	gctggcgatg	ctgttggcca	tggtgacccc	420
tggggttg	gggcctgagc	tcccagggtc	gtaggggtgg	actgtgctgt	agggggacga	480
ggctgtccag	gagagataat	ctggactcaa	gggcgggtgg	ccggggagcc	cacgggctgc	540
tcgatggcgg	cctccttgct	gtaggacttg	agcagcgagg	cagagcgggc	tggccagcat	600
ggccctttca	ttcctgcgga	acttggcgcg	gcgggttctga	aaccagacct	gaacgcgcgc	660
ctcgctgagg	ttgacgcgcc	gggcaagctc	ctcgcgca	aaggcgtcgg	ggtagtgcgt	720
gcgctcgaac	acgcgctcca	gcgcctgcag	ttggctgctg	ttgaacgtgg	tgcggttccg	780
ccgctgcttc	ttcttccgct	tggcggcgtc	accgcgcccc	gggctgggac	actcaccatc	840
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cgctcggcc	ctggccccgg	ggcgcgccgc	cagccgcccc	gccgccgcca	cctcttccag	960
gtccaggagg	tggctcaccg	agaagttctt	gcgcgcctgg	gcgcagtcgc	cgggccccag	1020
cgcgggtgga	ggcggcgggc	gccccgggcc	cagcgccggc	ttgtccaggg	cgaaggcggc	1080
ggccgc						1086

<210> 3798
 <211> 2973
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (901)...(2001)
 <223> similar to gi4079809 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3798						
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acctactggg	agagcgatgg	gtcccagtcg	caacactggg	tacggcttac	tatgaagaag	180
ggtaccattg	tcaagaagct	gctactcaca	gtggatacca	cagatgacaa	ctttatgcca	240
aagcgggttg	tggctctatg	gggtgaagg	gacaacctga	agaagctgag	tgacgtgagc	300
attgacgaga	ccctcatcgg	ggatgtctgt	gtcctggagg	acatgaccgt	ccacctcccg	360
atcatcgaga	tccgcatcgt	ggagtgcga	gatgatggga	ttgatgttcg	tctccgaggg	420
gtcaagatca	agtcacttag	acagcgggaa	ctagggttga	atgcagacct	gttccagcca	480
actagtctgg	tgcgatatcc	acgcctagaa	ggcaccgacc	ctgaagtact	gtaccgcaga	540
gctgtcctcc	tgcagagatt	catcaagatc	ctcgatagt	tctgcacca	cctggtacct	600
gcctgggacc	acacactggg	caccttcagt	gagattaagc	aagtgaagca	gttccctactg	660
ctgtcccggc	agcggccagg	cctggtggct	cagtgcctgc	gtgactctga	gagcagcaag	720
cccagcttca	tgccacgcct	atacatcaac	cgcctctctg	ccatggaaca	ccgtgcctgc	780
ccctctcgag	accctgcctg	caagaatgca	gtcttcaccc	aggtatatga	aggcctcaag	840
ccctctgaca	aatatgaaaa	gcccctggac	tacaggtggc	ccatgcgcta	tgaccagtgg	900
tgggagtgtg	aattttattgc	agaaggcatc	attgaccaag	ggggtggttt	ccgggacagc	960
ctggcagata	tgtcagaaga	gctgtgccct	agctcagcgg	atacccccgt	gcccctgccc	1020
ttctttgtac	gcacagccaa	ccagggcaat	ggcactgggtg	aggctcggga	catgtatgta	1080
cccaaccctt	cctgccgaga	ctttgccaa	tatgaatgga	tcggacagct	gatgggggct	1140
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agggagcctg	ggatggggcag	ggagtgatag	ccaaactcct	tggtcacctg	ctccaagaag	2520
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gagatgtggt	gagctctggt	cttctaccaa	cccagtctca	acacacaaag	tgccaccacc	2640
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ccgttccctc	ctcagggcct	ccgtgacact	ccatgaaaag	aagttcttgc	ataccggaaa	2940
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<210> 3799

<211> 2186
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1484)

<223> similar to gi406738 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3799

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gtccggccac	cgcctcatgc	ttctcagcct	cttcgggctc	gctgcccgc	gacagcggca	180
gcaccagcga	cctcatccgc	gcctaccgcg	cgcagaagga	gcgagacttc	gaggaccct	240
acaacggggc	tggtcgtcg	ctgcgcaaac	tgcgcgccat	gtgccgcctg	gactactgcg	300
gcggcagcgg	ggagccaggc	ggggctccagc	gcgccttctc	ggcctcgtcc	gcgtcggggc	360
ccgcgggctg	ttgctgcgcc	tcctcggggc	cgggggcgc	cgcgtcctcg	tcctcgtcct	420
ccggctctcc	gcctctctac	cgcagcagca	gcgagcggcg	gcccgcacg	ccggccgagg	480
tgcgtacat	ctcccccaag	caccgcctca	tcaaagtgg	gagcgcgcg	ggcgggtggg	540
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gcagaggaga	cgccgagaac	ctgctgcgac	tctgcaagga	gtgtagctac	cttgtccgga	1260
acagccagac	cagcaagcat	gactactccc	tctccctgag	gagcaaccag	ggttttatgc	1320
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agcacttgtc	cctcctctat	cccggtggctg	tgaggaccct	gtgagcggac	cagacctgcc	1500
ctgctctgtg	acagagcctg	agacttgagg	gtgccagagg	ccccccacca	accagcccag	1560
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ttcacacctc	tgtacagggc	aaagttttcc	cacaggagcc	cccctactga	tgctgggagc	1920
caaatgctgg	tgctttgaga	gtcccggagg	ccccgggggt	cccggcccgc	tggtgtgtat	1980
atgtgtgtct	gtgtgagtg	gtgtgtgagt	acagatgtga	gaagggtggtc	acacacagat	2040
gggtaagccc	actgatctac	ttgtagtac	tcagtgtaat	cattaggcta	tcttcaagga	2100
attcattgtg	cagtcaaaaa	gaggatctca	atctatttat	gacataggag	tgtagtaaat	2160
aaaaataagt	ccatttaact	ataaat				2186

<210> 3800

<211> 4308
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (4309)...(2761)

<223> similar to gil054874 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3800

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aaaaccgaat	ctctgaaatg	aaagtccatg	ccagccccag	ctgcagccca	gctccgtttt	180
tgcaggttgt	gctgtgacgc	tcgctggacg	cagggcttgg	aagaggctgc	aggcggcgac	240
gccccaggac	tgaggagtc	ctcagatctt	taacaaagaa	ctgccgcgtg	caggcttcag	300
accaacccca	gccaaagccg	ctggcatgag	gacaggtgca	tgatcggatt	ctgggtcagc	360
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gcacccca	acccgcgttg	gtccagcagg	cgtgggcctc	ccccagggc	tgggtggcgt	480
ctgatgcttc	gcaggagggg	cgctaggctt	cgagtccac	ggcacgggct	tacacagagg	540
gatggtttcg	catcgttcta	agcggcacac	agctaagcgt	atttggggac	aaatgcaaat	600
tgtttccag	gccataaata	acttttaaaa	atttgatttt	cttagtgttt	ccaaagactc	660
aattctcaat	gaacctccaa	ttaccacag	gctgccaggt	ccacgcttct	ccccacccc	720
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tcggcaaatc	acagaccaac	tccaggatac	agctttgtct	ctccagagcc	aaaatacata	960
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<210> 3801

<211> 2457

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (11)...(2457)

<223> similar to gi34672 in the genepept database release 114;

Run with FASTXY 3.3t00, default parameters

<400> 3801

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gcagaaggga	acagattacg	tgaagctggt	aataattaatc	agtcactaat	gacgctaaga	360
acatgtatgg	atgtcctaag	agagaaccaa	atgtatggaa	ctaacaagat	ggttccatat	420
cgagattcaa	agttaaccca	tctgttcaag	aactactttg	atggggaagg	aaaagtgcgg	480

atgatcgtgt	gtgtgaaccc	caaggctgaa	gattatgaag	aaaacttgca	agtcatgaga	540
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gaagatgata	tcaggacaga	aattggaaat	agaacgactg	gaaaagaaaa	acaaaacttt	960
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ccaataataa	ccatttttag	aagggtgttt	gaattctgta	tgtatatatt	cactttctga	2400
catttagata	tgccaaaaga	attaaaatca	aaagcactaa	gaaatacaaa	aaaaaaa	2457

<210> 3802

<211> 678

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (679)...(182)

<223> similar to gi4680715 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3802

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gctccctggg	gttaaaccatg	cagggtcagg	gggctagcag	gctgagatga	agctcctctc	180
tacttgggtc	tcttatcgta	ggtgccagaa	cccttgaac	cactcacata	gcctgtgttg	240

tcagtcacatct	cttcccgtcc	cgcaatgccc	ttgcccttgc	cactctcacc	aaagcgetcc	300
ttgtgggtgc	cggtgtactt	gctgggtgtct	gtcaaacggt	ccactgcacc	cactgttggt	360
gcttttagtag	cgccagtggt	ggctgggtct	ttgccctcca	tgagtcata	aatgttctcc	420
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tccacgtccg	tggaggtgac	tgtcttgcca	tccatgatgc	cacagtcttt	gcacaggctg	600
ggagaagtcc	ttgttggtca	tttcagtgc	actgcttgat	gattctccaa	acgcagcaaa	660
ccgatggaat	gttttttc					678

<210> 3803
 <211> 1042
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> similar to gi968973 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3803						
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gtaaaagtac	acctgtaagc	cagcttggtt	ccgcagactt	tcccagggcc	cccgatccat	180
tccagccact	cggggctgac	agcggcgacc	cgttccaaag	taaaaagggg	tttggggacc	240
cgtttagtgg	aaaagaccca	tttgtccctt	cctctgcagc	taaaccttct	aaggcctctg	300
cctcgggctt	tgcagacttc	acctctgtaa	gttgagtcct	ccgcctccgg	gccacccac	360
tcccttccgc	ttgcagcttc	cctgggattt	ttgtctcctt	ttaaaggcaa	acctcccagc	420
ttcttttagc	tcttggtacc	tcacactctc	tgtccctcgc	gttatattt	ctacactgcc	480
acttctgtaa	gaaaaacagt	ttctcaataa	aaaaaaaaag	agccgcagtt	tggatgctct	540
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aaaaaaattc	caaattgtaa	cc				1042

<210> 3804
 <211> 6839
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(4914)

<223> similar to gi3043588 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3804

ctccagaagg	tttttgttgc	atttagagaa	tttaatctgt	ctgaaagcaa	agtttgtgaa	60
ctgcagttgc	cggatatcaa	tctcgtgaat	gaccagaaga	aattagtatc	ttcagatctt	120
tggagaattg	tcttgaacag	cagtcaaaat	ggagctgatg	accaaagctc	tgcaagtgag	180
tctggttctc	aaagcacttg	tgatccactt	gtgactccaa	cagccctggc	tgccgtgacc	240
agagttgact	cctgctttac	cccatggttt	gtcccatccc	tttgcgtttc	tttccagttt	300
gctcacctgg	aattccatct	ttgtcatcac	cttgaccaac	taggcacagc	tgaccacag	360
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<210> 3805

<211> 3457

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3458)...(406)

<223> similar to gi5353510 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 3806

<211> 1602

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (53)...(883)

<223> similar to gi786117 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3806

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cataatgaca	aagaacattc	ttctgataaa	ggaagagagc	gactaaattc	atctgaaaaat	420

ggtgaggaca	ggcacaacg	caaagaaaga	aagtcacaa	gaggcagaag	tactcaaga	480
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<210> 3807

<211> 2255.

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1283)

<223> similar to gi4689229 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3807

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<210> 3808

<211> 1310

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (92)...(571)

<223> similar to gi457883 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3808

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cacaatttgt	cagctctgat	ttcaaattgc	aattattttt	aaggtgtata	ccatcgaaga	1260
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<210> 3809

<211> 498

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (499)...(261)

<223> similar to gi927637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3809

tttttttttt	tttgggtttc	tacacaggtt	tatttgtgca	aagttagagg	ggtaatgggtg	60
gttgaagacc	caagtcctgg	ggtaagggtc	tgggacctta	aggaacagaa	caagaaggga	120
agatgctggg	acctgatcag	gagtggggtc	acatgctggg	tgctaaggct	gggctgggta	180
ccagggtcaa	gccctaggag	tactgtattc	aagcgatggg	acagagactg	aggccagccc	240
ctcaggtcct	gatttttact	tccctcacca	ggttcagcag	tttgtccagt	ttcgcaatct	300
ccacagctgg	acccttctgc	acctcctgcc	ccttcttttc	ctttggcatc	ttgcgcaaatt	360
tgggtgagag	cttgaggctg	atgatgtgcc	cacggtcatc	gccacaaatg	atgatgggggt	420
ggatgagatt	gaactgcacg	tgggtgagcc	tgttcttttt	ggccgccaca	ggctgggttg	480
gcagatggcc	tcataacct					498

<210> 3810

<211> 1673

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (227)...(1673)

<223> similar to gill136404 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3810

ttccccgtgcc	tggggagtgga	gagaaggctt	tagagaggat	gtagcatttg	actagtctta	60
aaagagtaga	attttgccaa	gcagagaagg	ttatgtccca	tatcaagggc	aggagattca	120

aatcagtggg	tgtgggtattg	agaagtctct	gatgagcaca	cccaggtctg	agaggggggc	180
cttccccact	ggcagcaacc	tcaccacatc	cctgtggctc	tgcatgcagg	gaggccagac	240
tgcgctgatg	ctgggagtc	gccacgacag	ggaggacatg	gttcaagcgc	tgcttagctg	300
ccaggcagat	gtcaatctgc	aggaccacga	tggatcctcg	gccctcatgc	tggcctgtca	360
ccatggcaac	gtggacctgg	tgcggctgct	cctggcacac	ccagcctgcg	acagcagcct	420
gactgacaag	gtgggccgca	cagctttgtc	catcgctctg	aagtcaccca	cccatatgga	480
aattgctggg	cttctgagag	cccacgcgga	gcagggcagg	tccctggggc	tgtaggggct	540
gcagaagaac	tggccgtggg	gaacaaaagc	cttcttctct	ggactcctcc	ctcgcccttg	600
aagagggcag	aggtcacagg	ccagagagcc	acccttctag	agaagaaact	atgtcaaata	660
tgacataca	ttctgttgt	ataattctgc	tcattaggat	gctttgtagt	ttttgcctta	720
ggccaagcct	gaaaactaca	cgggcttcag	agcagggttc	aagggtgcaag	gtgaggggta	780
cgtcggtgtc	atccaaacat	ccaaaacatc	ttcagccttg	aattcctcat	gactctaccc	840
tctgtaacat	tgtgtagcaa	gcaggcaggc	aggagcacat	tagcacatta	gaaaagcaat	900
actttttaca	tggaatttta	cagtgcacta	tctttctgtt	ttttaagcaa	gtgtatacaa	960
atatgtccca	ttgatatgca	tgtctataga	tgggagggga	tttaagccaa	ccccctggca	1020
agcattctgt	aggggaccct	agaagaatca	ccgtgcagac	tggtgaaact	gaacaagcac	1080
catttgggag	ctttgtttcg	atgggggttg	cagagaaatc	ttaaaatctg	acagggtaga	1140
agaagcactt	tggcatcaat	gccatâtgt	cagtcttgac	tatttctgag	tcattctagt	1200
gctccaattt	gctccaggga	aatttgaatt	aattaagaaa	tttattatct	agtaagttgc	1260
tatgtaataa	agaaaaaaa	gaaattcaat	ccaatgacac	acaccacatg	tatttgggca	1320
gagtcagatt	ctctcagcta	ttttgagtct	gtggaagaaa	caaaaaaaag	cttcctcctg	1380
aggatgggtt	attgtcatca	agaagccacc	tgcatagccg	tatccattac	ctcatggtaa	1440
ttcccggtgc	tttccctca	tatcccttag	aagcaaatat	ctgttctgag	gttttttggg	1500
acttctggct	gcaataggag	caagggaccc	aggcagggca	gagcaatacc	ttccgaagct	1560
tccatattcc	ctggggccag	cacatgcaag	gtttatatgg	tcagtagctc	acgtgaagtc	1620
atctgaatct	ttcttaaate	tgctctctta	aaatctctta	tgcaaaaaaa	aaa	1673

<210> 3811

<211> 604

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (607)...(135)

<223> similar to gil89049 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3811

aacctcaaat	gttttaattg	tgggatctta	ttcactgtgt	acaggattct	ctaaagagac	60
cacctggctg	ggtgctcaaa	ccacacgggc	tgacccaaaa	gacacaaaaa	ccaagagttg	120
ctcggggagg	actaaatgtt	gacggtcttg	gccagcttca	catcctcaat	ttcagcagac	180
agccagcagt	aagtgtgatg	aagccgcagc	acctcaatgg	ccttgagttc	cagtgggtgt	240
gcctgaatac	caaggtcttc	taagctgggc	aggtagagca	aggatcatgc	tgtgatgtga	300
atacgtctca	ctttatccct	tggtgtccag	gactcaaatg	ggcttatttc	aaagtcttct	360
tgctacccac	tgataggcca	aaaggtggca	agggggtacg	ggaggaagta	ccccttttgg	420
ctgtgagcca	cagcaaagat	gtacttcacc	aggatcaâaga	ggagatatcg	atttggccca	480
acgaaagcaa	aggttttccc	attggcatca	ggatccttaa	ctgcattagc	aattcctttg	540
gatacatcta	cgacgtatac	tggttgttta	actgccttcc	agcccaagga	aacaaggggt	600
atag						604


```

<210> 3812
<211> 1180
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(650)
<223> similar to gi193367 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3812
agcagctggt gcggaaggcg gccagcctgt tgctaccttc tctccaatga aggcaccatc      60
tcactgcctt gccagacatt ttaccaagtc tgccatgaaa cagtaggaaa gtttatccag      120
tatggcattc ttacagtggc agagcacgat gaccaggaag atatcagtc tagtcttgct      180
gagcagcagt gggacaagaa gcttcctgaa cctttgtctt ggagaagtga tgaagaagat      240
gaagacagtg actttgggga ggaacagcga gattgctacc tgaaggtagag ccaatccaag      300
gagcaccagc agtttatcac cttcttacag agactccttg ggcctttgct ggaggcctac      360
agctctgctg ccattcttctg tcacaacttc agtggctcctg ttccagaacc tgagtatctg      420
caaaagttgc acaaatacct aataaccaga acagaaagaa atgttgtagt atatgctgag      480
agtgccacat attgtcttctg gaagaatgct gtgaaaatgt ttaaggatat tgggggtttc      540
aaggagacca aacaaaagag agtgtctggt ttagaactga gcagcacttt tctacctcaa      600
tgcaaccgac aaaaacttct agaatatatt ctgagttttg tgggtgctgta ggtaacgtgt      660
ggcactgctg gcaaataaag gtcattgagat gagttccttg taggtaccag cttctggctc      720
aagagttgaa ggtgccgctg cagggtcagg cctgccctgt cccgaagtga tctcctggaa      780
gacaagtgcc ttctccctcc atggatctgt gatcttccca gctctgcac aacacagcag      840
cctgcagata acacttgggg ggacctcagc ctctattcgc aactcataat ccgtagacta      900
caagatgaaa tctcaataaa ttatttttga gtttattaaa gattgacatt ttaagtacaa      960
cttttaagga ctaattactg tgatggacac agaaatgtag ctgtgttctg ggaactgaat     1020
cttacatggt attattagtt gctggctggg taatttgttt ggtatattat ctgggttagtg     1080
gttaatgctt cctttaaaaa taattgagtc atccattcac tctttttcag ttttatctgt     1140
caatagtagc tacattttta atggcagcac caccaatata      1180

```

```

<210> 3813
<211> 415
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (418)...(68)
<223> similar to gi887899 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3813
ctcgtggtga aggcgtttttg gcactgatga cattcatgca tttttctccc gtcgtacatg      60
ctcatgtgct gagtgagggtg cggcctgccc ttgaacgcta ccccatagtc gcggcggtga      120
tagggcctct tgccagcgtg ctttcccatt ggctgagtga gatgagggtc catgccaaag      180
acttcgaaca agtgagcgtg ttcagtggac ttctctccaa gaccggctct ttccatcgtc      240
acaccactgg gcgtttcctt cccaaaaata tcttccataa gaagtgacca cttgggttta      300
gatggagtct cccaatctgc acaagcgccc tggtgagcgc ccctctctc tgtcctcggc      360
tcctcctcct gctccaagtg tgagatgagg ctggggttgc cgacctgata cccca      415

```

```

<210> 3814
<211> 746
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (53)...(607)
<223> similar to gi3493211 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3814
gcggccgcgg agtggcctac cggggaccct cccccagagg aaccgtgccc tgggcggggg      60
gatgaacggc ttcaagcacg gaggaaggac agccggggag gggcccccgc cggcccaagc      120
tgccgcggcc cggggctacg gccaaagagct gctgcctcaa tcgaggacgg cgagcgctgc      180
gtccggcccg cgggcaacgc ctcttcagc aagaggggtc aggaagagca tctcgagaa      240
gaaactcaag ctggacatcg acaagagcgt aaggcaccta tatatctgtg attttcacaa      300
aaatttcac cagagtgtcc gaaataaaag gaagaggaag acaagtgcgc atggcgagga      360
ttctcccag cagcactg acattcctga ggttgatctg ttccagctgc aggtgaacac      420
cctacgacgt tataaacgac actacaagtt gcagaccaga ccaggcttca ataaggccca      480
gttagcagaa actgtgagtc gacacttcag gaacatacct gtgaatgaaa aagagaccct      540
tgccactct atctacatgg tgaagagtaa caagagtaga ctggaccaga aatcgagggg      600
tggcaagcag cttgagtgc gatgaagcac atcttaaagg aatgaagtgt aatgcttgat      660
gcacagggtga tatctactac atttaagccc ataaagactg ttaaataatta ttgtaaataa      720
aaaagtgtga atgatgaaaa aaaaaa      746

```

```

<210> 3815
<211> 1419
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(573)
<223> similar to gi5262557 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```

<400> 3815
aatagtttca ccagtagttc cgagtttgtt atacatcaga gaatccacac tggggagaaa      60
ccgtatgagt gtaatgagtg tggcaaagct tttgttggtta attcaccctt acttcggcat      120
cagaaaatcc aacttgagga gaaaccctat gagtgtaatg agtgtggcaa aagcttttga      180
aggacttccc atctaagcca acatcagcgt attcacacag gggaaaagcc ttattcttgt      240
aaagtatgtg gacaagcctt caattttcat acaaaactaa ctcggcacca gagaattcac      300
agtgaggaga aaccctttga ctggtgtaga ttgtggaaaa gccttcagtg ctcaggaaca      360
attaaaaagg catctgagaa ttcatactca ggagtcttcc tatgtatgtg atgagtgtgg      420
aaaagccttg actagcaaaa gaaatcttca tcagcatcaa agaatccata ctggagagaa      480
accctatgag tgtagcaagt atgagaaggc ctttgggact tcttcccag ctaggtcacc      540
ttgagcatgt ctactctgga gagaagcctg tgctggacat ttgtcgtttt ggcctcccag      600
aattttttac ccccttttac tggtaatagt aactccagt gaaatgtact gagtggattc      660
cgtctttctac tcaggaatgg aatgtgtgac acaggcctga ctcagcctct gatccatccc      720
tcaagccaca gttaatgatt cagatgtcag tagatgacca aagatggttc aattagagtc      780
ccaggattgc aagagctaata aggaacaaat actctcccc cgcccacccc cattggtttt      840
aatgctgaga agaagaacta gactcttaca gaggtgagaa tgaagtccac acagcaaaaa      900
tgcactcgag aattggagag cagtaaaaaga ctgaagataa tgtttgaaca gccacataca      960
ccatgcctga agctaaaaat atatacgggt ttttgaattg cagcagccaa taaattccat     1020
ttttgtttgg ttggttttgg ctttggcaca cctgagttag gttttcttgc cttggaacag     1080
aattttgact taaacagtgt tgtcattgta gcagttgttt gaagttttca gggataacat     1140
acctgatgga gaaatgtttt gtgtgtatga tataagggaa agtctttagt tatagtcagt     1200
gcagctcttc aaccccatga ttgtgatgag attgggaagc ccactgtaac actggagagc     1260
ccaggttata tcagacacca ctagtagata gaagttctaa caacttgagc tctgtaacaa     1320
aaatctcatt gtactacaaa attatgtctg caccagtga tccattctca agaaaagtct     1380
taactaggaa actaaaagct ttcactctta aaaaaaaaaa                      1419

```

<210> 3816

<211> 4917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4918)...(0)

<223> similar to gill136426 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3816
tttttttttt ttatactaaa agaataaaga tttttattaa gcattgtaag ttgcattcaa      60
tagccttcag atacaccaca ccacaatcca tcgacagtca atcaaaccac acagcagttc     120
attcttgcac aatccatgag ttagggcaaa actcccttca acttacagta agatcctact     180
tagctcttgc gggcaggggt tggggaatta cacctcattt ctgatcacta atgtgatgaa     240
gagcatcaga agtatatgaa aacgataaga agtgattctg atttcaaagt acattgtttg     300
gaaacattaa caaaaacatc aaaatgatag aagtatacct gcttctacta aattcttgat     360
gggaaagttc tcaagaacaa gcaatttgtt tcctgctaca gaaggggggg gtggtttttt     420

```

ttttttaaga	tcaaaggggt	ttttttcaca	gaatttcata	tttgctaata	tgaaggcata	480
aaacagcaac	aaagaacaat	aatgcataca	gcagtgaata	caccagggta	atggtgatat	540
tcgaaacggc	tagataat	ttggggggct	ttagaataaa	tgcaacagag	gtcaataatc	600
acaaaat	aaggttagag	caagatcagt	caatgactaa	acagagttaa	catcttttat	660
aggactatta	ctgattatta	gcatttttgt	tttgcaaatg	ggcacatact	gttaagaatg	720
gaagaaagga	cgataacatg	catattaact	acacacttta	aaaattatga	accatgcaga	780
agtttagctc	aagtagtagt	actaatggtc	tacatccgat	tcaaaaccac	atagttcatt	840
gatcacagat	gcattggtatt	agtcacgaaa	gtttcagaac	acattgtggt	gattttgaaa	900
ggctcatttg	atcttctatg	atttcaactt	tatctccatt	taacttgctt	gtaaagtatg	960
tatgatgtat	tgtatattta	aaatcagcag	aacggcaata	ttactctata	attttttagt	1020
tttgatagtt	gcactttttt	tttttaacac	aaaagaacca	catcaacagt	gatgaaat	1080
aagaaagaaa	aactgtgggt	gtgccttatt	tctttcataa	tcataaaaaat	caaagcctta	1140
aagaaagctt	cattgtgaaa	cagtaatgca	aaatcaaata	taatggcata	catatggtgc	1200
caaagtctaa	aaatttatatt	ttaagctata	tatacttaaa	gactgccaaa	atttgttttc	1260
tttatagttc	aagaaacaca	actataggct	tttgtcataa	ccagtttaaa	ctttatgtgt	1320
acttcatttt	aagtgcggga	gtcaaagtct	cttcattttc	tttctctttt	ttgttttatt	1380
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aagagggatc	tgaattttcca	aagtcctcat	ttttctctta	cggaaaggac	aaaatgtaca	1500
taactgcagg	ctctctttct	ctccagatat	tcctaaatcc	ttacccttcc	agcatccttc	1560
accctctata	aaaaataagt	ttactcttct	ttatttaaga	cagctgcctc	cagagcagct	1620
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ttagagtcac	tattcaaggc	actttcagag	tggttggggg	ccctggcgct	accctgctc	1740
ccgttcacat	ggggagccgg	cttctcctcg	gccatcactc	cgttttcage	cagggacccg	1800
tctgaagaca	tagcagagga	cttcgattcc	ccagattttg	acttaagttc	tttgccact	1860
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ctgccatagt	accttccacc	tcttccaaat	gttctaatac	ctggggtgga	aataactcct	1980
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tcaactgctg	agaaggctcc	gcagtgtccc	gatgctgccg	ccacacggaa	ggcacggtaa	2220
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tcacagaggt	caatgagtgg	ggtcttttcc	cggctggctt	tgaggagt	ggattggaag	2520
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gcacatttg	caaacaaggc	catgtctact	ccactcatga	agagagctga	tagctgaatt	2640
cctcggggat	ctaggttctc	aatcttgagc	tcctggagct	gatcaggctc	gtagagtttg	2700
ggggacagcg	cctgagccag	gaaggcatct	agctcctgac	gccgaaggat	gcgtgctccc	2760
ggccactgca	ccatgtaccg	taagacgcag	cagagcacca	tgaggtagt	gggcacgttg	2820
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cgttcttgt	cctctaccgc	cttaccacac	cacagcctct	tcaggttggg	gcaggtccac	2940
tccctgaagg	caagagcttc	aaccagttcc	ggggtttgag	gagactttcc	tttgaagct	3000
gccatttctt	taatgatcac	tggtgaaaat	tctggtggaa	gtctgttctt	tctaaaagca	3060
agtctctcag	ttttctttct	gctttctgcc	aaactaaaca	ggactccgta	aactactga	3120
cgaactggcc	tatagagcag	agcggccgga	ggcaggtcct	tgttggcttc	atcttcaata	3180
gaaacagcaa	ttttgatttc	acccttcgtc	aggacatgga	agatgtaggg	gtacatcagc	3240
cccttcttgt	gcctgtgctc	ggccactctc	agcacctcag	gtgcgacggg	gggcagggga	3300
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cccgtcttct	cccagccaat	cttggttccc	ctgatattgg	ttgtcgcccc	tccgctgccc	3540
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tccaaagtga	gaggtgctgg	ctcagagagg	ctgtacgggt	atggaccctg	gcccggggcg	3780
ccccctgggc	tgggcacctg	tggggccacg	ggctttgctt	gcagagaggt	ctgcggaatg	3840

ttgagcatct	gaggaggaac	atgcggcggc	accatcccag	gcattccaaa	cggaccgggt	3900
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acatctttag	ctatggcatc	caagtcagag	gtgtcctgaa	tgttgcgta	atagtcagca	4080
acggctttga	tcactacgtc	gcaagggtgg	aagaccagct	ggggggcccg	gacctttagt	4140
gaggctagt	gatgttctgg	accaagtaaa	ctccagtga	aggaagccag	atcttcatca	4200
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gctcagtttt	agggcatggg	caactgaaata	gtaggggatg	ttgcacagt	cataatcaga	4380
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gtgatcctca	atgctctgtg	caaccttgac	gtggaagcgg	atgagcgcca	ggcggtatgca	4500
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gaagcaggcc	ttggccagcg	ccgccaggta	gccaagcatg	tggttccact	ggccgccgct	4740
gaccagtcg	gtgtagaagc	cgccgtagag	gcggtgcagg	cagttgtcgg	cgtccaccag	4800
caggcgagc	ggggtctgcg	ggggccgctg	ccgcccgccg	cccaccaggc	tgccccgggc	4860
cagcttctgc	agctccaccg	gcaccacggc	gctcgggcag	tgcttctcga	tgtagtc	4917

<210> 3817

<211> 2141

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2107)...(1635)

<223> similar to gi5824799 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3817

tttttttttt	ttaagaatat	agaattttat	cttcctttag	ttaaaaaaaa	taatcgtaacc	60
ccggaatgaa	gaagtagctt	ttttgggggg	tggggtcggg	gagaaggaaa	ggtgagaagg	120
gggggaaaaa	agaagcaaaa	agcccaaaga	aaaaaacatt	ttatattcat	ctgtataaac	180
atatccgcta	aggcaaacgc	aatccgggtc	cgaggctgct	gcgctgggct	cgggtgcctcc	240
taatttctgc	agattctaag	gccaaaaaat	aaaacctctg	caagtccgcg	tagcttccag	300
gactcctggg	catttttacta	aaataaagag	ttatcgagtt	taaaaagcag	tgacgtcggt	360
atgacacaca	ctgaaagttg	cataactgtg	gcctcgaggg	ccactcactt	gtttggactg	420
agtgatggtc	acagttttcac	gacacagcaa	cagacaccac	acacaggcac	acgcatgtca	480
gcaagcacgt	gggaagctgt	ggcagaaccc	ggccggtggc	ctgggcctga	ccacggcctg	540
tctggtgcag	ggcaccaggg	tgtaggggtc	cccattgctt	ctcagggggt	gggcatgaca	600
ggcagggtcg	tggtgacaag	gcagtggacg	tcacttgggg	aaggatggcg	ggagagggtc	660
ggacaggccc	ccgctgcccc	ccgcctggcg	catgcaaaca	cacttaaagc	acttctcgga	720
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cccagagatc	tggggttctc	caagtcagca	tgggggtgct	ggggcctgcc	cgggtccctt	1020
caccagaaca	gaagctcccc	acccccctct	ccatttcagt	agatggaaga	cgcagaggag	1080
gaaaaggccc	tggggagggg	tcccctcgtg	cctccaatta	gccccttggg	tcccactctg	1140

tgggggcagc	cctgattcta	tctcttctgc	cgtctcccag	cctgggaagg	ggctggcagg	1200
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attgccaggg	agggccgggc	cgggcaggga	gccagcgccg	gtgtggcggc	ctcgtgcaga	1440
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acagatatatt	ttaggttttt	agtagtggtc	ccgtcagaca	caggcaagga	ttcaggctcg	1560
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cccgcccgcc	gccttgcgga	agatcaggag	gaactcccgg	aagctcagct	tgctgtcaaa	1920
gtcctcatcc	acctccttga	tcatgttttt	caggcccagg	tgggtctgag	gggccccaa	1980
tttctccatc	atgagtttta	gtccatcag	gtcgatgaag	ccgtcccggc	ccggcatcat	2040
actgcttgaa	catcttctcc	atgtccttga	tctgcttcct	ggagaactcc	ttgaactcgg	2100
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<210> 3818

<211> 1895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(1660)

<223> similar to gi510717 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3818

agctgcaaca	cttgaaggct	ggaaactgta	ccatgaccct	aatgttaatg	gaggaacaga	60
attagaacct	gttgaaggga	atccatatag	acgcatttgg	aaaataagtt	gctggagaat	120
ggcagaagat	gagcttttta	atagatacga	gagagcaatt	tatgcagctt	taagtgggaa	180
tcttaagcag	ctgcttccctg	tctgtgacac	ctgggaagac	acagtttggg	cctacttccg	240
ggtgatgggtg	gacagtctgg	tagaacagga	gatccagaca	tcagttagcaa	ctctggatga	300
aactgaagaa	ctccctagag	aatatctggg	agcaaactgg	acgttagaaa	aggtttttga	360
ggaacttcaa	gctactgaca	aaaagagagt	tctggaagag	aatcaagaac	attatcatat	420
agttcaaaa	gttcttatcc	tgggagacat	tgatggtttg	atggatgagt	ttagcaaattg	480
gctttccaaa	agcagaaaca	atctacctgg	acacctgctt	cgcttttatga	ctcaccttat	540
tttgtttttc	cgtactctgg	gactacagac	caaggaggaa	gtttctattg	aagtttttaa	600
gacatacata	cagcttttaa	taagagagaa	acatacaaat	cttatagcat	tttatacctg	660
tcatttgctt	caagacctag	ctgttgccca	gtatgcatta	tttttggaag	gtgttacaga	720
atttgaacag	cgccaccatt	gcctggaggt	ggctaaagaa	gcagatttgg	atgttgcaac	780
aataacaaaa	actgtagtgt	agaatattcg	aaagaaagat	aatggtgaat	ttagtcatca	840
tgacctggcc	ccagccctag	atactggcac	tactgaggag	gatcgtttaa	aaattgatgt	900
aattgactgg	ttggtatttg	acccagcgca	gagggcagaa	gcactgaaac	aaggcaatgc	960
aattatgaga	aaattcttgg	catcaaaaaa	gcacgaagct	gcaaaagaag	tatttgtgaa	1020
aattcctcag	gattctatag	cagaaatcta	taatcagtgc	gaggaacaag	gaatggaaag	1080
tccacttctt	gctgaagatg	ataatgctat	ccgagaacat	ttgtgcatca	gagcttattt	1140
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tgctttgata	cctcaaccaa	cttttactga	taaagtggct	catgaacaca	aagaaaagaa	1260
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ggagaaaatg	tataacgtct	tggtgtttgt	tgatggagg	tgatgggtgg	atgttagaga	1380
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gcctacagtt	agccagatat	ggttatcctc	tgagcgccac	aaactgtacc	tgggtatttt	1560
ctaaggaaga	gctaaggaag	ttgctgcaga	agctccagag	agtcctcttc	taattgctcc	1620
tagaccaggg	gactttgacc	cattagggta	tggaatttca	gttattagtt	taatctttgt	1680
aatctcccta	attttcatga	taaatgaagt	ttttaataaa	atatacttgt	tattagtaat	1740
tttttctttt	gcattcccat	gtaaaattta	gccatttgaa	ttttgtactt	ttcagaatat	1800
tatcgtgccc	ctttcaacat	gtagggatat	cagcgtttct	ctgtgtgctt	gttaataaaa	1860
ctatataaaa	attaaaattt	tctgttttta	caaaa			1895

<210> 3819

<211> 4134

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4136)...(639)

<223> similar to gil504026 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3819

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aaccacacgg	tggcttccga	gagacccac	tgtgtacctg	agccccaggt	ggccacacct	120
ggtgttctgg	aaaaggaggt	ccagggccag	tattcaggcc	ctgctgtact	gcaccctgga	180
aactgcacca	aaccccagct	ccgcccccat	ccacggctcc	cagaatgggt	tctggagtc	240
ctgcaacaga	cctgtgagga	gagggcaggg	cagggcctgc	ctcctgcgtc	cccgtgatga	300
cctgggggat	gactgggca	gggacagctt	cctccatcca	cacagccctg	tgggcaccaa	360
caaggccact	gtgacttcac	acgacagcag	tgttccccag	ctcagctgag	ccgggggtgca	420
ggggacagca	cagggcacag	tectgtgccg	caaggccctc	gtgctcctgg	aagcctctgg	480
gaggaggcgc	ccgctggtgg	gacgtcgaag	tccaggcgct	ctcggcagcg	accccaggac	540
ggcgcaccta	agctatgccg	tggtgcaggg	gacgtgctgg	agggacagga	gcaggcgaga	600
gagaagccac	ctgtggtccc	agccccaccc	cagctcacac	gaattccggc	tgcctttccc	660
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ccccgtcccc	gtcctcccg	gctgtggcct	ccagctgctc	ctcactgccg	ctgtggtgc	840
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cacactcagc	accctggaag	tagacgtagc	tgttgcactc	gcggcacttg	gcgggctgtc	1920
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cgcagcgcgc	tcaccttggg	atcctccagc	tcctgcttct	gcgtcttcgc	gtcggccacg	2640
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atgacgctct	gtctgcagtt	gtgagcgatc	ttctgcaggc	ccttggcaaa	ctccatctcc	3120
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gctttgacct	tggcaatgag	ggtgccggct	gcggtgagcg	tctccacggt	gttcagcagc	3540
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gagggctggc	ggctggggct	tcccgcgcgg	ttctttttcg	agatggaagg	ggttttcatg	4020
agctctcggt	tcttctggga	gaacatgatg	gggccccggc	cgggagcccg	agggggcggg	4080
ctgggggtct	cagcgctgca	gctcccggcg	ctggccgctt	cgggaccaca	ttgt	4134

<210> 3820
 <211> 1849
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1308)

<223> similar to gil770478 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3820
atgtcgctca tggtcgtcag catggcggtg gttgggttgt tcttggtcca gagggccggt      60
ccacacatgg gtggtcagga caaacccctc ctgtctgcct ggcccagcgc tgtggtgcct      120
cgaggaggac acgtgactct tcggtgtcac tatcgtcata ggtttaacaa tttcatgcta      180
tacaaagaag acagaatcca cattcccata ttccatggca gaattattcca ggagagcttc      240
aacatgagcc ctgtgaccac agcacatgca gggaaactaca catgtcgggg ttcacaccca      300
cactccccc cttgggtggtc ggcacccagc aaccccggtg tgatcatggt cacaggaaac      360
cacagaaaac cttccctcct ggctcaccca ggtcccctgg tgaaatcagg agagagagtc      420
atcctgcaat gttggtcaga tatcatgttt gaacacttct ttctgcacaa agaggggatc      480
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tccatcggtc ccatgatgca agaccttgca gggacctaca gatgctacgg ttctgttact      600
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gcccatgaac gtaggtttctc tgcagggccc aaggtcaacg gaacattcca ggccgacttt      840
cctctgggcc ctgccaccca cggaggaacc tacagatgct tcggctcttt ccgtgactct      900
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aatagtggc cttcacccac tgaaccaagc tccgaaaccg gtaaccccag acacctgcat     1020
gttctgattg ggacctcagt ggtcatcatc ctcttcatcc tctctctctt ctttctcctt     1080
catcgctggt gctccaacaa taaaaaatgc tgcggtaatg gaccaagagt ctgcaggaaa     1140
cagaacagcg aatagcgagg actctgatga acaagaccct caggaggtga catacacaca     1200
gttgaatcac tgcgttttca cacagagaaa aatcactcgc ctttctcaga ggcccaagac     1260
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tgtctcctgc ccatgagcac cacagtcagg ccttgagggc gtcttctagg gagacaacag     1380
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agtctgcata ttagggcatc gatcttcctc acaccacaaa tctgaatgtg cctctcactt     1500
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tccctcttaa cgcagcactt agacacgtgt tgttccacct tccctcatgc tgttccacct     1740
cccctcagac tagcttttcag tcttctgtca gcagtaaaac ttatatattt tttaaaataa     1800
cttcaatgta gttttccatc cttcaaataa acatgtctgc ccccatggt      1849

```

<210> 3821

<211> 1021

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (321)...(87)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3821
cggacgcgtg ggctccgaga actcagcccc gacatcgccc acctggcctc gctcaagacg      60
ttggacctct cgaacaacca gctgagcgag atccctgcag agcttgcgga ctgccccaaag    120
ctcaaggaga tcaatttccg tgggaacaag ctgagggaca agcgctgga gaagatggtc      180
agcggctgcc agaccagatc catcctggag tacctgcgcg tcggaggccg tggtaggggg      240
aagggcaagg gccgtgccga gggctcggag aaggaagaga gccggaggaa gaggagggag      300
aggaagcaga ggcggaagg tggtagtggg gaggagcagg acgtgggaga tgccggccgg      360
ctgctgtctc gggctctgca cgtctctgaa aaccccgtag ctctgacagt cagagtgagc      420
cccaggtccc gggatgtgag gccctacatt gtggggggccg tggtaggagg catggacctg      480
cagccaggga atgactcaa gcgcttcttc acctcgaga ccaagctcca cgaagatctc      540
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gccaaaggcca aggagctggg gcggcagctg cagctggagg ccgaggagca gaggaagcag      720
aagaagcggc agagtgtgtc gggcctgcac agataccttc acttgctgga tggaaatgaa      780
aattaccctg gtcttgtgga tgcagacggg gatgtgattt ccttcccacc aataaccaac      840
agtgagaaga caaagggttaa gaaaacgact tctgatttgt ttttggaagt aacaagtgcc      900
accagtctgc agatttgcaa ggatgtcatg gatgccctca ttctgaaaat ggcagaaatg      960
aaaaagtaca ctttagaaaa taaagaggaa ggatcactct cagatactga agccgatgca    1020
g                                           1021

```

```

<210> 3822
<211> 1666
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1062)
<223> similar to gi2648019 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 3822
cggagacca cctacacacc ccctagcatc atgccacaga aacactgggt atacgtgaag      60
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gaagaggagg aggaagatct ggtgttgacc tgtgaggatg atgaagatga agaactaggg      180
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<210> 3823

<211> 5527

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(4766)

<223> similar to gi5001398 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3823

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<210> 3824

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(494)

<223> similar to gi2623162 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3824						
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<210> 3825

<211> 1296

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1255)...(449)

<223> similar to gi3327046 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3825

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gagttccccc	aggcccatcc	cttgccgcaga	attcaggggc	cacctggaca	aacctcttgc	300
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<210> 3826

<211> 6140

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(3443)

<223> similar to gi5689387 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3826

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cactaaaaga	ctttgataaa	aagaaacaat	aataaaaggc	ctccatttta	aatgtcattc	6060
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ttgaattact	aaaaaaaaaa					6140

<210> 3827

<211> 1705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(621)

<223> similar to gi2289790 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3827

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tacaagacaa	cgaagattgc	tgtccccctg	atccagggtt	acaccgtgct	gaggatcttg	180
gtggagaatc	gtgggcgagt	caactatggg	gagaatattg	atgaccagcg	caaaggctta	240
attggaaatc	tctatctgaa	tgattcacc	ctgaaaaact	tcagaatcta	tagcctggat	300
atgaagaaga	gcttctttca	gaggttcggc	ctggacaaat	ggagttccct	cccagaaaca	360
cccacattac	ctgctttctt	cttgggtagc	ttgtccatca	gtccacccc	ttgtgacacc	420
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cgttactgga	acattggacc	ccagaagacg	ctttacctcc	caggtcctcg	ggttgagcag	540
cggaatcaac	caggtcatcg	tttttgagga	gacgatggcg	ggccctgcat	tacagttcac	600
ggaaaccccc	cacctgggca	ggaaccagta	cattaagtga	gcggtggcac	cccctcctgc	660
tggtgccagt	gggagactgc	cgctcctct	tgacctgaag	cctggtggct	gctgccccac	720
ccctcactgc	aaaagcatct	ccttaagtag	caacctcagg	gactgggggc	tacagtctgc	780
ccctgtctca	gctcaaaacc	ctaagcctgc	agggaaaggt	gggatggctc	tgggcctggc	840
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aggggtggag	cagctaatac	gatcgcccag	cctttggccc	tcagaaaaag	tgctgaaacg	960
tgcccttgca	ccggacgtca	cagccctgcg	agcatctgct	ggactcaggc	gtgctctttg	1020
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aaggcccagc	tcacatgtga	gtcctggcag	aagccatggc	ccatgtctgc	acatccaggg	1440
aggaggacag	aaggcccagc	tcacatgtga	gtcctggcag	aagccatggc	ccatgtctgc	1500
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ccgaacagca	ggggcagagc	agcctcctt	cgaagtgtgt	ccaagtccgc	atttgagcct	1620
tgttctgggg	cccagcccaa	cacctggctt	gggctcactg	tctgagttg	cagtaaagct	1680
ataaccttga	atcacaaaaa	aaaaa				1705

<210> 3828

<211> 1456

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1459)...(1034)

<223> similar to gil469179 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3828

tttttttttt	ttagcatttc	tttgaatttt	attgaaaatt	gaacatggac	attagaaagg	60
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ggggcaatga	actggtgcac	acctttgagc	aaaaagaaca	aaggagaaga	aaggaaaaac	180
acacacagat	tctggaaaac	atgcaaagag	gctctctcaa	gagacactga	acagcagaat	240
ggtggtgatg	gtggtagggg	atatatgaga	atgagcacac	tcacatggta	ttttgatgca	300
agttaaacca	atgaattcaa	ggcagattta	ccaacatcaa	agctctccct	ccagatccca	360
ggttgagcag	aaacctctct	caaaacccta	actggtctcg	gaaggtggaa	tggagtaatt	420

ttgccctcac	taagcttaaa	ccccctccct	tctctaccta	agtgttagat	agtggataca	480
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acttgacttt	ctcttgcata	ttcagaaatg	tttaacagtg	gctgtagaca	gtcaacccat	600
cgaaccagag	aaatgtttta	aagaaaaaca	taaaactcaa	acaaaacctt	gtgaacagaa	660
cagtactttc	ataccacag	ctgaggtgtc	ctgccccagt	cacttacact	tgggtgagtg	720
gtcctgtagt	tgtttctctg	aggttacatt	tcgtccattt	tccagctctg	atggttcttt	780
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gtgtgcttgc	agtttgaggg	gagaggaaat	tggttgattt	ctgatttgag	acaatatgga	960
accctaactc	ttctataatg	gcagtcttct	ccttttagact	tagtgcagct	gctgaagaca	1020
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ggagccctgg	gactggagca	gctcagccgc	cgtctttctt	tgcttgaaag	cattcacttc	1140
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cagacggtca	aacttctcgt	gcagctcttt	ctctgcctct	ttgagctccg	cttctttctc	1260
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gaactcgttc	cttttgccct	catatgtctc	ctgaagggtt	tgctgtcagg	gtcgggtgtcc	1380
ttgaagccca	tctcctccag	cttacagcgg	cgatacagct	catagtgccg	gggtgtgggtc	1440
tgctccccga	gatcct					1456

<210> 3829

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (11)...(351)

<223> similar to gi4062356 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3829

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tgcgtaaaaa	ctgggagtcg	gtcaaagaac	aggtgatgcg	aaaagcactt	cgcgctaaat	180
tcgaacagca	tgcagaactg	cgtgcgctct	tgctggcaac	cgcgcccgca	aaactggttg	240
agcatacgga	aaacgatgct	tactggggag	acggtgggtca	tggttaagggc	aagaatcgac	300
tgggctacct	tttaatggag	ttgcgcgaac	aattggctat	agagaagtaa	cgtctcgggtg	360
gcttatgggc	ggtaaaacag	ataaattttt	tcccgtgttc	tcaaattgct	gacaagtgtc	420
tgttgtgaaa	tgccggatgc	ggcgtaaacg	ccttatccgg	cctac		465

<210> 3830

<211> 973

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (964)...(344)
 <223> similar to gi3882143 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3830

aacaaagtgtg	gtctcttttt	tccaccagtt	ttcaagtaat	tagttcaagt	aagcttattt	60
acagctgcta	ctgtatatat	gtgacctact	ttaacccttc	tttcccttta	ggaattgggc	120
tcccttgga	tgggacacca	cattttaaaa	aaaacttgaa	ccaggttttt	ttcatctacc	180
aattcaattc	agtcagtgtt	ctgctttatt	gggcagataa	agagaagaaa	ccagcaagtt	240
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gaggaacact	cgggtgtcca	agctggtcga	caggggtgacg	tctctgctca	tgatgtagat	360
gccgtcgta	tggagcgcac	aagtcaagtt	aagacccgat	ttggacgtgt	tctccttgag	420
gtagagccac	tggcgggtga	cgggtgttga	ggactgcacg	gtgagcatgt	cctcgctctg	480
gctgctctg	cggttggggc	ccagctcgtg	gagacacccc	cccacgatgt	agatggctctc	540
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agcggagatc	tcctggctag	tgatcctgta	cccgccact	ataagaggta	gtagtccagg	960
ctcggcaggg	tct					973

<210> 3831
 <211> 2555
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1571)
 <223> similar to gi2781386 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3831

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tgccccaccg	cttgcatctg	tgccactgac	atcgctcagct	gcaccaacaa	aaacctgtcc	180
aaggtgcctg	ggaacctttt	cagactgatt	aagagactgg	acctgagtta	taacagaatt	240
gggcttctg	attctgagtg	gattccagta	tcgtttgcaa	agctgaacac	cctaattctt	300
cgtcataaca	acatcaccag	catttccacg	ggcagttttt	ccacaactcc	aaatttgaag	360
tgtcttgact	tatcgcccaa	taagctgaag	accggtgaaa	aatgctgtat	tccaagagtt	420
gaaggttctg	gaagtgtctc	tgctttacaa	caatcacata	tcctatctcg	atccttcagc	480
gtttggaggg	ctctcccagt	tgcagaaact	ctacttaagt	ggaaattttc	tcacacagtt	540
tccgatggat	ttgtatgttg	gaaggttcaa	gctggcagaa	ctgatgtttt	tagatgtttc	600
ttataaccga	attccttcca	tgccaatgca	ccacataaat	ttagtgccag	gaaaacagct	660

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gtcgctgtg	gtctgactcc	aggcactcgc	gtcaggtagt	tctgctccag	gatacgttta	840
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ctcaggtcgg	ggaaagactg	atgggtccact	gtgacagcaa	gacaggtaat	gcaaatacgg	960
atttcacctg	ggtagggcca	gataacagac	tgctagagcc	ggataaagag	atggaaaact	1020
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cgagggggaa	atctgactca	gattcagtc	attcagtggt	ttctgacaca	ccttttggtg	1560
cgtccactta	atttgtgcct	atatttgtat	gatgtcataa	tttaatctgt	tcataatttaa	1620
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aaagtacatt	tgtttgctcg	tcttttcatt	ttgtacattc	ttcccattct	gtattcttgt	2220
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tcaataccaa	aatgtctgag	taacttctta	aatccctgtt	ctagcaaact	aatattgggt	2340
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tttatttggc	tatttaaaaa	cataaatcta	aatgtcttta	tgttatcaga	ttatgctatt	2520
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<210> 3832

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (30)...(457)

<223> similar to gi927637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3832

cattgcgagt	gcaggaattc	cttttccaag	ggtgtggcac	tgcctttgac	ttccacaaag	60
agattgacta	catgtttcta	ttgtgcacag	aggaggaaaa	aatctacaag	tgctctaaat	120
cctactccag	ccaattccctc	gacacctatg	acgcccacaa	catgtcagt	gacactgtgt	180
cctggaaccc	ataccacacc	aaggtcttca	tgtcctgcag	ctccgactgg	acagtgaaga	240
tctgggacca	caccatcaag	tgaggggcct	gttcctggct	ctgcctgggg	ccctcccctg	300
ggctatggca	ctgtgagccc	tctgtgccat	gggctttcca	ccctccacct	ttgcaggacc	360
ccgatgttca	tctatgacct	gaactcagcc	gtgggtgatg	tggcctgggc	gccatactct	420
tctactgtgt	tcgcagcagt	caccacagat	gggaaggggc	aagccatcca	gggtccagcc	480
aaaagaggaa	tcattcatcc	catgaggcct	cagggaggaa	acagagctgt	tcaccttga	540
ggagaaagca	ctctggggga	tgagatgcc	tggagcagtt	atttcctctg	ctgtatggng	600
gagagctaga	gggtggcagg	gcccggctcc	atctaaggaa	aaatgtatga	gccagagttg	660
atcagtgact	gaatagtgtc	tgtaatgtag	tgaagtctcc	atccccggga	gtgtgcaagc	720
tgattctgag	ggaacttcag	tggggtggaa	tgggaggggg	ctattcaaca	ctgagaattg	780
gtgagacctc	agaaa					795

<210> 3833

<211> 1798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1793)...(904)

<223> similar to gi1507680 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3833

gggggccaat	gggctcccaa	ggtccgggtca	ggggagaaca	ggcaccggtc	ccccgcggga	60
tgggtccgca	ccattccagc	ggctctctcc	acgaaagtgg	gccactgccg	ggctgcacta	120
tgtgtcactg	aaattcagg	agacctctca	gtcgggggttc	cagcctacgc	atgttcaagg	180
gacccctca	ttcccaaaac	ccgcggggcg	cacagaattc	tcaggcctgg	ctgcgttgct	240
gggaagcgga	ggcccagttc	ctcctgcagc	ctggctcaca	cccacgcctc	acagtggggc	300
cctctgaccg	tggccgcagc	ccccagcatc	tacccaagc	tagtgcaaca	tcctgccag	360
tccacgtgct	actgcgctcc	cggcgccctgc	ctccaggcca	ccgggcggac	cctttctcag	420
ccccaggggc	cttccaggcc	cttctgttca	aaggaccgga	tgcttcacac	cgtaagggc	480
tttatttcac	agatcatggg	ggtgagtttg	gatttccagc	cctcaccacg	gttaagtcac	540
acatttcccg	acacctgctc	atttctccag	atctgaaaca	tctcacccaa	cacatccctag	600
ttgttgtaaa	ccccaaatga	actttccaga	agcaaaaaca	ataacagatt	cagagaaccc	660
tggtcacacc	tgetgagcag	gtccccctcta	ctctgggttg	atatagaatg	cttgtttgct	720
caaaagagag	gcgctctcaa	catcaaggca	caaagaaaga	cgtctccagg	ggcaaaatga	780
tgacgaagt	accagcggcc	tctgcgaggc	ccgaggcaga	gtcacggggg	aggcgagttc	840
agcctgacgg	gcattgggag	gaagagccaa	ggacaggtct	cccgtggggg	ctcaggcgctc	900
ctcacgcgta	cttctccagg	aagttgatgt	ggaagtcttt	caccttctgc	agcaccgttt	960
tcagcttctc	cactggagg	aggatagtca	tcctgaagt	gtaagtgcct	tcctctgcc	1020
caaagccact	gccgggcacg	acacagatgc	cagtctcctc	caggagcttc	atgcagtaga	1080
acatgtctgg	agccatttga	tgggctgag	cagcctccac	agctttgggc	aggaatgaag	1140
atccgaggga	aggcgtagat	ggccccctgc	aaggggttgc	agtgaattcc	tgggacttgg	1200
ttaaacaggt	cttccgctcag	ctttgtttt	ttggccagat	taccaggac	cgactccttc	1260
tctcggtgta	attgctcaaa	ggactcctct	cctgccaccg	gggggttcac	gacaatgtcc	1320
atggcggcct	gccagacac	tggggggcac	aggcgcaccc	acagcagctt	caccagctgg	1380

cccttgatct	caggggtgcag	gttgatcacc	tccatgtagc	ctcctctgta	accacactcg	1440
cccattgtagc	ccttgagggt	ggagtgggaag	gagggcgagct	ccacgttgct	ggagtactcg	1500
ggccccatct	cgtacagcac	cttcttgaag	gagtgggaatc	tgcaatctgg	agagtacacg	1560
ttgtcctgggt	acacctcatc	agccaggaga	aagagcttct	cttcccaggc	aaagtggatc	1620
acatctttcta	tgcacttttct	gctttgtacc	tggcctgtgg	ggttcccagg	gttgattatg	1680
cagagcacct	taggatcaca	gtgggtctttg	gcctcctgca	ccgcccgcgcg	gagctcatte	1740
acattcagcg	cccagcagtt	ctcctgtcca	ggtagtaatt	cacgtggatg	gcgcattgc	1798

<210> 3834

<211> 1096

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(670)

<223> similar to gi3309573 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3834

gtccaaggcg	gcgccccatgc	tgatagtttg	ctttggccca	tggctcagct	gagctggaga	60
actgcctcta	tgtggtgggg	ggacacacat	ccctggcagg	ggtcttcccg	gcctgcctt	120
ctgtctccct	gaaacaagtg	gagaaatacg	accctggggc	caacaagtgg	atgatggtgg	180
cccccttgcg	ggatggcgctc	agcaatgccg	cagtgggtgag	tgccaagctg	aagctctttg	240
ttttcggagg	aaccagcatc	caccgggaca	tgggtgtccaa	ggtccagtgc	tatgaccctt	300
cggagaacag	gtggacgatc	aaggccgagt	gccccagcc	ttggcgttac	acagccgctg	360
ccgtcctggg	cagccagatc	ttcatcatgg	gaggtgacac	ggaattcaca	gccgcctcgg	420
cctaccgctt	tgactgtgag	accaaccagt	ggacgcggat	tggggacatg	actgccaaagc	480
gcattgtcctg	ccatgccctg	gcttccggca	acaagctcta	tgtggtcggg	ggctactttg	540
ggacccagag	gtgtaagact	ctggactgct	atgacccccac	ttcagataca	tggaaactgca	600
tcaccacagt	gccctactca	cttatcccca	cggcctttgt	cagcacctgg	aagcacctgc	660
ccgcgtgagg	agcacctgct	gagcccagcc	agaccgcggc	cttcagtgtc	acagcgtggc	720
cttgcttgtc	tgccacagcg	ggagctaagc	cggccctggg	ccagcactcc	gagaggtgga	780
aggggcccctg	ccagctctgg	ggagcagcag	ccttgggctg	ttctgagctt	tatgcaagag	840
aagagaagca	tctcttgcac	ccgtgcccct	gggggcctct	tcagctttgc	agtggtttgt	900
gggaagacat	acctcccaga	ggggcatgga	ctgccaccag	gactgaccct	ggcgtcgggg	960
agaaggacac	ttgcagagcc	ttgagatcac	ctgtttggca	ggtcctggac	tggggccggg	1020
caggcagggg	cagggaggcg	ccccgggtgg	gctttggggc	tgcggcactg	ccacacatcc	1080
tttccctcct	ggcctg					1096

<210> 3835

<211> 2507

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (48)...(642)

<223> similar to gil665819 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3835

caactgacgc	gtacgtttgc	tgggatacctc	cgagcggccg	ccgggagacg	gccaacttgg	60
agctgctgct	gcagcgtgc	agcgaggtca	cgcactgggt	ggccaccgaa	gtgctgctct	120
gcgaggcccc	gggcaagcgc	gcgcagctgc	tcaagaagtt	catcaagatc	gcggccctct	180
gcaagcagaa	ccaggacctg	ctgtctttct	acgccgtggt	catggggctg	gacaacgccg	240
ctgtcagccg	ccttcgactc	acctgggaga	agctgccagg	gaaattcaag	aacttgtttc	300
gcaaatttga	gaacctggac	ggacccttgc	aggaaccaca	aaagctaccg	agaagtgatc	360
tccaaaatga	agccccctgt	gattcccttc	gtgcctctga	acctcaaaga	cctgactttc	420
ctgcacgaag	ggagtaagac	ccttgtagat	ggtttggtga	acatcgagaa	gctgcattca	480
gtggccgaaa	aagtgaggac	aatccgcaaa	taccggagcc	ggcccccttg	cctggacatg	540
gaggcatccc	ccaatcacct	gcagaccaag	gcctatgtgc	gccagtttca	ggtcatcgac	600
aaccagaacc	tctctctcga	gctctcctac	aagctggagg	caaacagtca	gtgagagtgg	660
aggctccagt	cagaccgcgc	agatccttgg	gcacctggca	ctcaagcact	ttgcacgatg	720
tctcaaccaa	catctgacat	ctttcccgctg	gagcaacttc	ctgctccacg	ggaaagaggt	780
cgatggattt	acccctggac	ccataagtct	gttcatectg	ctgaagtccc	ctccccattg	840
ctccttcaag	ccaaaactac	actttgctgg	ttcctgtccc	ctctgagaaa	ggggatagaa	900
agctccttcc	tctatgtcct	cccatcgaga	tctgttctgg	ggatggagct	tccaacttcc	960
tcttgacga	ggaaagaatg	ctgctcaccc	ttctgtcttg	cagagtggga	ttgtgggagg	1020
gattggcagc	cttcttctcc	accacctgtc	cagcttcttc	ctggtcaggg	ctgggacccc	1080
caggaatatt	atgttgccgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	1140
gtgtgtctct	ttttttaggg	agcaggagtg	catctggtaa	ttgagggtgg	atgttgtgtg	1200
tgctggggag	gggtccttct	gtttggtgct	acccttgtct	actctgcccc	tggatggtgc	1260
ggggtgcttt	ctccaccccc	acactccctg	ctcagctcct	cgtgctgccc	tgcattgccc	1320
ggcttgtag	ccaagctgct	ttttggggca	gggagtagca	gcagggtggga	ggggttaccc	1380
atcagccctt	gcaagtcccc	cactcaggcc	tctggaaggt	ccagggatgg	gctctgatga	1440
gagggtaaaa	gatgctcagg	gaaacacagg	cctcagctgc	ctagaggacc	ctccccctgc	1500
cttgacgtgg	gctcgggtag	agcagtatca	ggagctaggg	ttgtctgctg	cccacactcc	1560
tgctttttgg	gatatctaac	tgctaaggag	ggagttgaca	tcccccttct	ggctcatgtg	1620
tctgacacca	acaacatggg	ctctgtccct	ctctctttga	ctctcccttt	gtcctcccca	1680
tagagctggg	gtgggggtgga	tccctatacc	tggggcaggc	agcccccagg	tgggggaggg	1740
ggatggcaga	gactgtaaag	gcgccactgg	actctggcaa	ggcctttatt	acctttactc	1800
ccctccctct	cccctcacca	gcctcaaggc	ctgaggggtg	caggggctcc	tggcagctac	1860
tgggtgaggt	ttcctggcac	agactcaccc	ttctttctgg	caccacctct	ttcccttttg	1920
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ccagtcttgg	ctgctgctta	cccctagcct	tgatgcctgc	ccagggaccc	ccagccccct	2400
cccgttgccc	tgcagcttta	acagagtga	ccatgtgtat	ttgtacaggc	gcgggtgtca	2460
ttgcagaaac	cgctgggtgg	agaagaagcc	gataaagtct	atgaatc		2507

<210> 3836

<211> 2392
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2034)

<223> similar to gi5731366 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3836

atgtccgcgc	agagcctgct	ccacagcgct	ttctcctgtt	cctcgccgcg	ttcaagtagc	60
gcggcctcgg	ccaagggctt	ctccaagagg	aagctgcgcc	agaccgcgag	cctggaccgc	120
gccttgatcg	gcggctgcgg	gagcgacgag	gcgggcgcg	agggcagtcg	gcggggagcc	180
acggcgggcc	gcctctactc	cccacactc	ccagccgaga	gtctcgccgc	tcgcttggcg	240
tctcttccc	ggggtccgcc	ccccagggcc	accaggctac	cgctcctgg	acctctttgc	300
tcgtccttct	ccacaccag	caccgcgag	gagaagtcac	catccggcag	ctttcacttt	360
gactatgagg	ttcccttggg	tcgcgccggc	ctcaagaaga	gcattggcctg	ggacctgcct	420
tctgtcctgg	ccgggccagc	cagtagccga	agcgcttcca	gcattcctctg	ttcatccggg	480
ggaggcccca	atggcatctt	cgcttctcct	aggaggtggc	tccagcagag	gaagttccag	540
tcccaccgcg	acagtcgcgg	gcaccctac	gtcgtgtgga	aatccgagtt	ggagttgtat	600
gatcttcaga	tcttaggcac	aaaaccaccg	atgaattccg	atacacatcg	taactttgac	660
cccaccgcaa	cccttagaaa	tcagggtgat	ttcacctgga	acagcatgtc	aggccgcagt	720
gtacggctga	ggtcagtcct	catccagagt	ctctcagagc	tgagaggggc	ccggctgcag	780
gaagtggctt	tttatcagtt	gcaacaggac	tgtgacctga	gctgtcagat	caccattccc	840
aaagatggac	aaaagagaaa	gaaatcttta	agaaagaaac	tgatttact	aggaaaggag	900
aaaaacaaag	acaaagaatt	catcccacag	gcatttggaa	tgcccttate	ccaagtcatt	960
gcgaatgaca	gggcttataa	actcaagcag	gacttgcaga	gggacgagca	gaaagatgca	1020
tctgactttg	tggcttcctt	cctcccat	ggaaataaaa	gacaaaacaa	agaactctca	1080
agcagtaact	catctctcag	ctcaacctca	gaaacaccga	atgagtcaac	gtccccaac	1140
accccggaac	cggctcctcg	ggctaggagg	aggggtgcca	tgtcagtggg	ttctatcacc	1200
gatcttgatg	acaatcagtc	tcgactacta	gaagctttac	aactttcctt	gcctgtctgag	1260
gctcaaagta	aaaaggaaaa	agccagagat	aagaaactca	gtctgaatcc	tatttacaga	1320
caggtcccta	ggctggtgga	cagctgctgt	cagcacctag	aaaaacatgg	cctccagaca	1380
gtggggatat	tccgagttgg	aagctcaaaa	aagagagtga	gacaattacg	tgaggaattt	1440
gaccgtggga	ttgatgtctc	tctggaggag	gagcacagtg	ttcatgatgt	ggcagccttg	1500
ctgaaagagt	tcttgaggga	catgccagac	ccccttctca	ccaggagagct	gtacacagct	1560
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taccttctac	ctccctgcaa	ctgcgacacc	ctccaccgcc	tgctacagtt	cctctccatc	1680
gtggccaggc	atgccgatga	caacatcagc	aaagatgggc	aagaggtcac	tggaataaaa	1740
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atcagacaaa	gaattctcag	ttcagagttc	agcccgggct	gaggagagca	cggccatcat	1860
cgctgttggtg	caaaagatga	ttgaaaatta	tgaagccctg	ttcatgggtc	ccccagatct	1920
ccagaacgaa	gtgctgatca	gcctgttaga	gaccgatcct	gatgtcgtgg	actatttact	1980
cagaagaaag	gcttcccaat	catcaagccc	tgacatgctg	cagtcggaag	tttcttttct	2040
cgtgggaggg	aggcattcat	ctacagactc	caacaaggcc	tccagcggag	acatctcccc	2100
ttatgacaac	aactccccag	tgctgtctga	gcgtccctg	ctggctatgc	aagaggacgc	2160
ggccccgggg	ggctcggaga	agctttacag	agtgccaggg	cagtttatgc	tggtgggcca	2220
cttgctgcgc	tcaaagtcaa	gggaaagttc	tcctggacca	aggcttggga	aaggttaactg	2280
gagcctggcc	agcaggcgct	ggccaaaaca	agcgaccctc	ctcttggtgc	atgtggcatg	2340
gtgtggggct	cttcggacct	tctcttcgct	tctcccttat	ttgatgtttc	tg	2392

<210> 3837
 <211> 2950
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (20)...(1902)
 <223> similar to gi5932010 in the genepept database release 114,,
 Run with FASTXY 3.3t00, default parameters

<400> 3837

tgcaagtgac	ttcattcgga	gcctggacca	ctgtggatac	ctatctctgg	aggggtgtgtt	60
ctcccacaag	tttgatttcg	aactgcagga	tgtgtccagc	gtgaatgagg	atgtcctgct	120
gacaactggg	ctcctctgta	aatatacagc	tcaaagggtc	aagccaaagt	ataaattctt	180
tcacaagtca	ttccaggagt	acacagcagg	acgaagactc	agcagtttat	tgacgtctca	240
tgagccagag	gaggtgacca	aggggaatgg	ttacttgcag	aaaatggttt	ccatttcgga	300
cattacatcc	acttatagca	gcctgctccg	gtacacctgt	gggtcatctg	tggaagccac	360
cagggctgtt	atgaagcacc	tcgcagcagt	gtatcaacac	ggctgccttc	tcggactttc	420
catcgccaag	aggcctctct	ggagacagga	atctttgcaa	agtgtgaaaa	acaccactga	480
gcaagaaatt	ctgaaagcca	taaacatcaa	ttcctttgta	gagtgtggca	tccatttata	540
tcaagagagt	acatccaaat	cagccctgag	ccaagaattt	gaagctttct	ttcaaggtaa	600
aagcttatat	atcaactcag	ggaacatccc	cgattactta	tttgacttct	ttgaacattt	660
gcccaattgt	gcaagtgtc	tggacttcat	taaactgggc	ttttatgggg	gagctatggc	720
ttcatgggaa	aaggctgcag	aagacacagg	tggaatccac	atggaagagg	ccccagaaac	780
ctacattccc	agcagggctg	tatctttgtt	cttcaactgg	aagcaggaat	tcaggactct	840
ggaggtcaca	ctccgggatt	tcagcaagtt	gaataagcaa	gatatcagat	atctggggaa	900
aatattcagc	tctgccacaa	gcctcaggct	gcaaataaag	agatgtgctg	gtgtggctgg	960
aagcctcagt	ttggtcctca	gcacctgtaa	gaacatttat	tctctcatgg	tggaagccag	1020
tcccctcacc	atagaagatg	agaggcacat	cacatctgta	acaaacctga	aaaccttgag	1080
tattcatgac	ctacagaatc	aacggctgcc	gggtggtctg	actgacagct	tgggtaaactt	1140
gaagaacctt	acaaagctca	taatggataa	cataaagatg	aatgaagaag	atgctataaa	1200
actagctgaa	ggcctgaaaa	acctgaagaa	gatgtgttta	tttcatttga	cccacttgtc	1260
tgacattgga	gagggaatgg	attacatagt	caagtctctg	tcaagtgaac	cctgtgacct	1320
tgaagaaatt	caattagtct	cctgctgctt	gtctgcaa	gcagtgaaaa	tcctagctca	1380
gaatcttcac	aatttgggtc	aactgagcat	tcttgattta	tcagaaaatt	acctggaaaa	1440
agatggaaat	gaagctcttc	atgaactgat	cgacaggatg	aacgtgctag	aacagctcac	1500
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gaatttggcg	ggaaatcgtg	tgagcagtga	tggatggctt	gccttcatgg	gtgtatttga	1740
gaatcttaag	caattagtgt	tttttgactt	tagtactaaa	gaatttctac	ctgatccagc	1800
attagtcaga	aaacttagcc	aagtgttatc	caagttaact	tttctgcaag	aagctaggct	1860
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aactgcttaa	ataaagtgtg	ctcgaagcca	gtaagtgtc	tgggacctca	ttattttaag	1980
cctggtagtt	aaaaaaaaatc	ttgcaaaagg	atgccaaaga	agataaggac	gtggaaagaa	2040
gtttaatttg	atgattaaaa	acatgcaaca	gttttgtgtc	ttagctctcc	tactaggatt	2100
atcggcgcct	tgaaggaatt	ctcattcatc	tttgtgttac	ctttggtctg	ggtcacacca	2160
actggtatac	tgaatgcata	ttaacttagt	atagtgcctg	gcatgtaaga	gattctcaac	2220
aatattctca	ataaatattc	gctgaatatg	agataaatta	ttaatagcta	ctgaataaag	2280
aaagattatt	taaaaccaga	gaggaaactc	catatatgtt	ctttaatcca	aacagtttaa	2340
ttcaagcaat	ctggaatata	aaaagcactt	tctgatatta	gaaggagatc	agactcccaa	2400

aaaagatcag	cattcttttag	tcaagcaaaa	cttgggaagtt	tacaaacagc	taaatcagaa	2460
gcttgaaatt	caggtcctct	ccagtacctg	ctacattata	tgtaattcca	aacatgactt	2520
cagagattaa	agaagaaagg	gaagatgttt	cccattcttt	tgtaccctat	ataaactaag	2580
ggtaccctgc	cctaactctt	tttccaacac	ttccccaat	aacccttctt	tacaaagaaa	2640
gaagtctaa	agaactctct	catctaaata	tatttaagta	gaggcaagcc	tgaaaaaac	2700
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ggcttgggtg	ttggtgtagg	taacgcttgg	cctgtatggt	gaggtagtca	ctagataaaa	2820
ttctgggcac	aacatccgtt	tagcaattgg	gcatacatc	tacagattta	gccataacgt	2880
tctgaagctg	attattttac	agatcaacta	attaattcct	ctccctaact	ttacagatga	2940
gaaagctcag						2950

<210> 3838

<211> 1476

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1477)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1479)...(1093)

<223> similar to gi5565689 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3838

tttttttttt	ttcctattag	gaaaaaatgg	ggggaaaaaa	aaaagactgc	aaaggaagca	60
aacacaaagt	catgtaattg	cccattgccc	aagacgacag	cactatagaa	aacagttgca	120
agttaattct	cggagatgac	cagagatttt	tcagtgttta	cacaaaagta	catagtacat	180
tttttttttt	ttacaaaata	aaataaacat	catttgccac	cataaacctt	ttcttttagag	240
aggaaaaatt	tttgacgacg	gacacaaggg	ttctattaag	tcattttcaat	gcctgagaaa	300
aacaaaattg	agtaatagga	ctaatacatt	ccctatatat	ggatgttaag	atgacaattt	360
agattatttt	tcaaactaat	cctgaggaaa	aaatctgttt	acaattttaa	cagtaatggt	420
atgtaaaaag	tattattaac	aaatccccta	ttacaaatat	caatttccta	tatggtcttc	480
tatatataca	cacaataaaa	tggtaaatat	atgcaaaaat	atttaaaaaa	aaaacatgca	540
cagatcactt	tcccctttgg	aatctggact	tcctatcaga	tacctttggt	ttccttcccc	600
acctcatcct	ctgatactgt	tttttgtttc	tatcacccta	ccaacactga	atactattcc	660
ctataactct	gcataaagcc	aatgagaaat	atattttatt	taccttcaag	ctttaaatct	720
taaaatgacc	ctgttgtagc	atatgactta	tcaaataagc	agcccttttt	ttccctcttt	780
tttgcttgct	tttttttttg	ttttgttttg	ttttttttgc	agttgtcagt	cttcatgac	840
cattctgtgg	cgagctggga	aaaaacgcag	ttgctaagtc	aacgtctgaa	cagtgtgagg	900
ctcctgaata	tctcccagga	gtccctgcgc	aactgtcctg	agcatgagat	cattgcacag	960
agaagacagt	ccaccgcgca	gcgctgacta	tctacagagg	tctgagaggg	gcgcgtccct	1020
cttggtgttc	ctcttttttg	catggtaata	ctgattattg	gatttgcctt	gatgttggtt	1080
gtttgtcatc	aaggaacctat	ggcttgtttg	agttgtacct	tggaagcctt	tgctggaaga	1140
acgaaaagagc	cttgctgatc	catgctgaga	tttggttggtg	ctggtggatg	tgtagtggt	1200
ttgggtgctt	tgcattttcc	caactgcctg	agaggactcc	aaggatacat	cttgcgaccc	1260
tactcgggtt	nccagtggac	ggacggcaaa	gcagctgttt	cggggttttg	catggtgttg	1320

catcggaatc	tacatcacta	gagctggact	gtgtggcaga	agaggacgac	actggaccat	1380
tgcatgaagg	ctcaggtcta	ttcttcaagc	cccactgctt	tgatatccaa	tctctatatg	1440
tggcaacttc	atctgttact	ctaattattc	ttccag			1476

<210> 3839
 <211> 1045
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1046)...(60)
 <223> similar to gi4587598 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3839						
gttttttttt	cacatataac	atttaaaaat	cagtatttaa	ttacaaatta	tatgttctac	60
agtccagcaa	tacaaagtgt	tgcattagta	ccacccaaac	caaaggaatt	ggtgaggcca	120
ataaatcttt	tctcagtttt	ccattcctgt	gccttttagtg	gaacatagtt	gagatcaaat	180
tctggttccg	aacaatccag	gtttaaagta	ggtggtatgt	ttttgataat	aacaagctaa	240
tgggggtaaa	agctgcctcg	actgcccctg	cagctcccag	cagatgtcct	gttgctccct	300
tagttgagga	aactgcaagg	gcataatgcat	ggtctttgaa	gagatgtttg	atagctttgt	360
tttcagcagc	atctcccaat	ggtgtggaag	tagcatgtgc	attgatatag	gatatctcct	420
caggctgcac	acctgcattt	tttaaagcag	cagccataca	ccttaaggca	ccttctcctt	480
caggatcagg	ggcagttatg	tgaccagcat	cacctgagag	tccatagccc	aaaacttctg	540
catagatccg	ggctcttctt	tgaacagcat	gttcatattc	ttccagcacc	agcacagctg	600
caccttctcc	cattacaaaa	ccatctctct	ttggatgaaa	tggtcgacat	gccaacttgg	660
gatctgagtt	tgtgtctcaga	gcccgggctc	tggaaaaccc	agcaagagat	aaagggctaa	720
tacaagaatc	tgtacctcca	gccaccatca	catcagcatc	accatgggct	ataaatctaa	780
atgagtctcc	cacagcatga	gctcctgtgg	tacaggctgt	ggatactgca	tgatttgggc	840
ccttgagttt	atatcgaatg	ctgacctggc	ctgctgccat	attgaccaga	atcttaggga	900
caaaaaatgg	gctaacttta	ttgtaacctt	ttgtctgaaa	attcaaagca	gtttcagaaa	960
caacttcaag	aggaatcatt	cccatgccaa	ttgcaacacc	agtagccact	tgatcagctt	1020
ctgactgagg	atgccagcca	gaatc				1045

<210> 3840
 <211> 612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (613)...(440)
 <223> similar to gi4038413 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3840
tttttttttg atgtttctgaa ctttatttttc aactatttta agcactctac aaaatgctct 60
acaacattaa gaaaacctca gcaaaatttg ggggtgggaat tagactctgt ttatctgtca 120
tcaaaatata acgcaaacac ttattttaag tgtttaactt aagatattta actctgtgga 180
attctttgta gatgatggtg tatttaaatt ccacatatga caatgaaaat ttacccaag 240
catacaactc tttaaaacaa aataacacac atttttttaa actgtttcag attaagttgt 300
tttgcttttt ttcttagaca tgaaaactaa gctcaatctt tttccccagt cacagccttg 360
agcttatggc agatttgcac aaagtatacc aatttcttct tggattgtcc atctagtgat 420
gccagtagtt catgccatca caggtagaag agatggttgg ctaattccag actgggttct 480
ttatgaatgc tttgtgccac cagaaaggct agcttgtgag catactgaca tgggtgctggg 540
acactgacta tgcccggcca gttgtagtac aggtgggcac aatttgaatg taagtctctg 600
catatggtcg gg 612

```

<210> 3841

<211> 2018

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (25)...(487)

<223> similar to gi951231 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3841
tgtgccattg cattctgaat tattggtgtg atgaaccaag gagtggctcc ctattgtaag 60
gactccaaca cggggtggaa gtccatatgg acaacagggt gtagtttttg ggcctccatg 120
gcagcaggca ccacctccat attccgggtc acatccagct ggacccccctg tcatacagca 180
gccaacaaca cccatgtttg tagtcccccc accaaagacc cagcggcttc ttcaactcaga 240
ggcctacctg aaatacattg aaggactcag tgcggagtcc aacagcatta gcaagtggga 300
tcagacactg gcagctcgaa gacgcgacgt ccatttgtcg aaagaacagg agagccgcct 360
accctctcac tggctgaaaa gcaaaggggc ccacaccacc atggcagatg ccctctggcg 420
ccttcgagat ttgatgtctc gggacaccct caacattcgc caagcataca acctagaaaa 480
tgtttaatca catcattacg tttcttttat atagaagcat aaagagtgtg ggatcagtag 540
ccattttagt tactgggggt ggggggaagg aacaaaggag gataattttt attgcatttt 600
actgtacatc acaaggccat ttttatatac ggacactttt aataagctat ttcaatttgt 660
ttgttatatt aagttgactt tatcaaatac acaaagattt ttttgcataat gtttccttcg 720
tttaaaacca gtttcataat tggttgtata tgtagacttg gagttttatc tttttacttg 780
gtgccatgga actgaaacca ttagaggttt ttgtcttggc ttgggggttt tgttttcttg 840
gttttgggtt tttttatata tatatataaa agaacaaaat gaaaaaacac acacacacac 900
aagagtttac agattagttt aaattgataa tgaaatgtga agtttgcctt agtttacatc 960
ttagagaggg gagtatactt gtgtttgttt catgtgcctg aatatcttaa gccactttct 1020
gcaaaagctg tttcttacag atgaagtgtt ttctttgaaa ggtggttatt tatgttttag 1080
atgtctaata gacacagcac atttgctcta ttaactcaga ggctcactac agaaatatgt 1140
aatcagtgtc gtgcatctgt ctgcagctaa tgtacctcct ggacaccagg aggtgaaaaa 1200
gcactttttc aattgtgctg agtttagacat ctgtgagtta gactatggtg tcagtgattt 1260
ttgcagaaca cgtgcacaac cctgaggtat gtttaatcta ggcaggtacg ttaaggata 1320

```

ttttgatcta	tttataatga	attcacaatt	tatgcctata	aatttcagat	gattttaa	1380
tttaaacctg	ttacattgaa	aaacattgaa	gttcgtcttg	aagaaagcat	taaggatatgc	1440
atggagggtga	tttatTTTTA	aacataaacac	ctaacctaac	atgggtaaga	gagtatggaa	1500
ctagatatga	gctgtataag	aagcataatt	gtgaacaagt	agattgattg	ccttcatata	1560
caagtatggt	ttagtattcc	ttatttcctt	attatcagat	gtattttttc	ttttaagttt	1620
caatgttggt	ataattctca	accagaaatt	taatactttc	taaaatattt	tttaaattta	1680
gcttggtgct	ttgaattaca	ggagaaggga	atcataattt	aataaaacgc	ttactagaaa	1740
gaccattaca	gatcccaaac	acttgggttt	ggtagacctg	tctttcttat	atgaccttac	1800
aataaacatt	tgaaggcagc	ataggatggc	agacagtagg	aacattgttt	cacttggcgg	1860
catgtttttg	aaacctgctt	tatagtaact	gggtgattgc	cattgtggta	gagcttccac	1920
tgctgtttat	aatctgagag	agttaatctc	agaggatgct	tttttccttt	taatctgcta	1980
tgaatcagta	cccagatggt	taattactgt	acttatta			2018

<210> 3842

<211> 2476

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(1266)

<223> similar to gi2895758 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3842

eggacgcgtg	ggaaacttac	tcttgatgga	gacactgttg	attccattac	tcctgacaaa	60
gtacgaggtt	taagggatat	gctgaacagc	agtgaatgg	acataatgta	ttatactagt	120
ccactttata	gagatgaact	agttaaaggc	cttcagcaag	agctgaatcg	attgtattcc	180
cttttctggt	ctcggaatcc	agactttgaa	gaaaaagggg	gtaaagtctc	aatagtatca	240
cattccttgg	gatgtgtaat	tacttatgac	ataatgactg	gctggaatcc	agttcggctg	300
tatgaacagt	tgctgcaaaa	ggaagaagag	ttgcctgatg	aacgatggat	gagctatgaa	360
gaacgacatc	ttcttgatga	actctatata	acaaaacgac	ggctgaagga	aatagaagaa	420
cggcttcacg	gattgaaagc	atcatctatg	acacaaacac	ctgccttaaa	atttaaggtt	480
gagaatttct	tctgtatggg	gtccccatta	gcagttttct	ttgcgttgcg	tggcatccgc	540
ccagggaat	actggaagtc	aagaccatat	tttgcttaga	gagatttgta	accggttact	600
aaatatTTTT	catcctacag	atccagtggg	cttatagatt	aggaaccatt	aatactggaa	660
acactacagc	aacatttttca	cctgtccaga	tccactgggt	acaatacttc	aaatccttta	720
ccttatgaac	atatgaagcc	aagctttctc	aaccagcta	aagaacctac	ctcagtttca	780
gagaatgaag	gcatttcaac	cataccaagc	cctgtgacct	caccagtttt	gtcccgccga	840
cactatggag	aatctataac	aaatataggc	aaagcaaggc	atattagggg	gctgctaggc	900
attggaaagg	gacttggagg	aatgttggtc	tcaaggtttg	gacgttcac	tacaacacag	960
tcatctgaaa	cattcaaaaag	actcaatgga	agatgagaag	aagcccagtt	gcctcacctt	1020
ctgcctacca	cccgtaggga	cacagacctt	tccacatagc	agttctggct	tcctcgattc	1080
tgcatggag	ttggatcaca	ggattgattt	tgaactcaga	gaaggccttg	tggagagccg	1140
ctattggtca	gctgtcacgt	cgcatactgc	ctattggtca	tccttggtatg	ttgccctttt	1200
tcttttaacc	ttcatgtata	aacatgagca	cgatgatgat	gcaaaaccca	atttagatcc	1260
aatctgaact	cttgaaggac	atgaatggcc	taaaactgat	tttttttttt	tccgttaaaa	1320
gggggggggtc	aagatacggg	gatttcaggg	ttaaagtata	tttcagtttt	ctttagggca	1380
acatatatTTT	gaatttataa	gcactttatt	taaaaaaaaa	aaaaagtttt	cagttctgaa	1440
aaagtcattt	acagtttgca	tcattttta	tatgagtctg	acaaaacctt	ctccaaaaaa	1500

tcaagcaaga	cctggatgtg	aaaaagggtt	gggtaaactg	catgtaaagg	ctacaaatca	1560
caatctgatt	cctcccaaat	ataaaggcat	atggaacata	atgtattaac	caaagtatgt	1620
tataaatcaa	aaatgggtcaa	gggttcagcat	attctatatg	aaaatcacaa	gggggtatcg	1680
ttttaaat	ctatgaaggc	tttcatttgt	acatcccttt	gaaaaaatat	aacagattta	1740
aaatgttttg	aattttaactt	gttttagaaaa	actaatgctt	aaaacaatat	ttgaactact	1800
gtatttataa	tttattacct	ctaattgctt	tatttcagtg	tatgagacat	tactgtttta	1860
atgtttgctt	tgaacataat	ttaagaacca	gattttat	ctatagtgt	aaaccctttt	1920
ttctcagaac	tccatctttg	tactcttcag	atgaatat	agacactgtg	gcatacat	1980
tttttcatta	aaaacttatg	gcttcataca	acactagt	aattttttta	ataaactttt	2040
tattatgtta	catgtacttc	agagaaagct	aaagtttctc	taaacttgac	acggagtact	2100
ccataatggg	tacatttcat	tagctttatt	agaaaactag	taaatgcttt	tgaataggta	2160
gtatgacagc	tattttaaat	gtataaacat	ttgtgtgcc	aacaacatat	atgaagggt	2220
gtgatgccac	taactagtgc	acattgtttc	tcaatgtgcc	attgagacac	aaggcacagt	2280
aagtcaggat	tctgaggcat	tgggaagggt	ttcttcagct	gtaattgttt	ccacagtgt	2340
tttcatctga	ggggctcaaa	gtttaagagt	gcattcaata	acccatgtac	tagcttcttg	2400
aggtaagtaa	ataaatcttg	ttctcatgtt	acatgttaat	acaccaaggc	acaaaaacat	2460
ttaaagtgcc	atgaat					2476

<210> 3843

<211> 672

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(581)

<223> similar to gi4895183 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3843

caggctcgcc	gatatgaggc	gcacgacaa	attagtggcc	ggcacgcatt	atctgcttac	60
attcagctct	tcagaaaacc	ttgctaaggc	tattgctacg	gacacggtag	ccaacctgag	120
cagaggtcca	gaacctccct	ttttcaaaca	attaatagtt	ccattaattc	ctagtattgt	180
ggatagagca	ccaaaaggca	gaactttcgg	ggatgtcctg	cagccagcaa	aacctgaata	240
cagagtgggg	gaagttgctg	aagttatatt	tgtaggtgct	aacctgaaga	attcagtaca	300
aaaccagacc	catcagacct	tcctcactgt	ggagaaatat	gaggctactt	caacatcgtg	360
gcagatagtg	tgtaatgatg	cctcctggga	gactcgtttt	tattggcaca	agggactcct	420
gggtctgagt	aatgcaacag	tggaaatggc	tattccagac	actgcccagc	ctggaatcta	480
cagaataaga	tattttggac	acaatcggaa	gcaggacatt	ctgaagcctg	ctgtcatact	540
ttcatttgaa	ggcacttccc	cggcttttga	agttgttaact	atttagtgaa	aagttgatag	600
atcatttaaa	gaacagcttt	actctctaca	cattatataa	gtgatttcaa	attaatgtga	660
aaaaaaaaaa	aa					672

<210> 3844

<211> 919

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(869)

<223> similar to gi5262467 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3844

ggaggtgtgt	aacgtgctgt	atggagccga	aagtcgcaga	gctgaagcag	aagatcgagg	60
acacgctatg	tccttttggc	ttcgagggtt	accccttcca	ggtggcatgg	tacaatgaac	120
tcttgccctc	agccttccac	ctaccgctgc	caggacctac	cctggccttc	ctggtactca	180
gcacgcctgc	catgtttgac	cgggccctca	agcccttctt	gcagagctgc	cacctccgaa	240
tgctgactga	cccagtgga	cagtgtgtgg	cctaccatct	gggccgtgtt	agagagagcc	300
ttccagagct	gcagatagaa	atcattgctg	actacgaggt	gcaccccaac	cgacgccccca	360
agatcctggc	ccagacagca	gcccattgtg	ctggggctgc	ttactactac	caacgacaag	420
atgtggaggc	tgacccatgg	gggaaccagc	gcatacagg	tgtgtgcata	cacccccgat	480
ttgggggctg	gtttgccatc	cgaggggtag	tgctgctgcc	agggatagag	gtgccagatc	540
tgccaccag	aaaacctcat	gactgtgtac	ctacaagagc	tgaccgtatc	gccctactcg	600
aaggcttcaa	tttccactgg	cgtgattgga	cttaccggga	tgctgtgaca	ccccaggagc	660
gctactcaga	agagcagaag	gcctacttct	ccactccacc	tgcccaacga	ttggccctat	720
tggtgttggc	tcagccctca	gagaagccta	gttctccctc	cccgggacct	tccttttacc	780
acacccgccc	ccaagaagcc	tggaatccc	agcagagccc	ggagctggct	cagccccagg	840
gtctcaccac	ctgcatcccc	tgcccttga	ttttctccca	tgtggacctt	gatttatggt	900
ggtacttgct	aggacttaa					919

<210> 3845

<211> 461

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(462)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (461)...(181)

<223> similar to gi4902922 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3845

cagttcttcc	atttcgtacc	aggcttcgca	gccttcagcc	tgcatctcgt	gcccggcaac	60
accaacaaag	cgggcgttgg	gcacatgttc	tttcagagcg	cggattaaac	cggccccccag	120
gatatcgccg	gaggtttctc	cggcgaccag	ggcaatcggt	aatggacgct	gttcagtcac	180
taacgaatca	aaccgcgcgt	tgagcgtgca	aagaaatcgg	taaaggcttt	cacttcggga	240

tatgtttccg	ccagttcagc	aatttccggt	ttcacttcat	cgagcgtttt	accgctacga	300
taaatcagct	tatacgcat	gcggatagcg	gtaatcgct	cacggttgaa	tccgcggcgc	360
ttcagccctt	cgatattgac	acccgaacgg	cgttgcgtgg	ttaccctgcg	caatgacata	420
aggagggacg	tcttgcgcca	caccggagca	ccccccncc	t		461

<210> 3846

<211> 2573

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (497)...(1847)

<223> similar to gi5257201 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3846

gctgcggtc	ctcccggggc	cgtttccggt	tgtctcagcc	gcggcgcaaa	gggcacatcg	60
gcctgaccga	ctagccggct	gccagtgcg	ggagccgcg	cgcccatccc	cgcccgctg	120
gccgggga	caggactgag	tcgtccagct	gcgcccctcg	cccatagccc	cagcgggcgc	180
cgggcgggcg	agcagctctt	cgccccttcc	cggacagcga	cgcagtcgca	gcgcgcgcc	240
taacacagat	gtgggaagat	aaatgaaggg	gtctagatgt	aaatgtcagt	ggaaaggaga	300
gctaccatca	ctaagggctg	aaaacacagt	taaatcactt	tcaaagttaa	aagactatta	360
agaacacaag	atggggactc	ctgcttctgg	aaggaaaaga	acacctgtga	aagaccgatt	420
ttctgcagaa	gatgaagctt	tgagtaacat	tgccagagag	gcagaggcaa	ggctggcagc	480
aaaacgggct	gcccgggcag	aagcaagaga	tatacgcatg	agagaactgg	aacgacaaca	540
aaaagagttg	gatgaaaaat	ctgacaaaaca	gtatgctgaa	aattatacaa	gaccttcac	600
tcgaaattct	gcctcagcaa	caaccctctt	aagtggaaac	tcatccagac	gaggaagtgg	660
ggacaccagc	agcttaatag	atccagacac	ttcattaagt	gaattgcggg	atatctatga	720
ccttaaggac	cagatacagg	atgtagaagg	gagatacatg	caggggctta	aagaactaaa	780
ggaatctttg	tctgaagtgg	aagaaaaata	caagaaagcc	atggtttcca	atgcacagtt	840
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agcaggagga	acagatggca	gaattttata	gagaaaaatga	agaaaaatca	aaggagttag	960
aaaggcagaa	acatatgtgt	agtggtctgc	agcataagat	ggaagaactt	aaagaaggcc	1020
tgcggcgaag	agatgagctt	attgaggaga	agcagcgcat	gcagcagaaa	atagacacca	1080
tgacaaaaga	ggtgtttgac	ctccaggaga	cacttctttg	gaaagataaa	aaaattgggg	1140
ccctagagaa	acagaaagaa	tacattgcct	gccttaggaa	tgagcgagat	atgctcagag	1200
aggagctggc	tgacctgcag	gagacagtga	agacgggaga	gaaacatggc	ttagttataa	1260
tccccgatgg	cactcccaat	ggtgatgtca	gtcatgaacc	agtggctgga	gccatcactg	1320
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ggctacgaaa	acttgctgga	gagaaggaag	aactactgtc	acagattaga	aaactgaagc	1440
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caggactgca	gaatggctca	gacttgcagt	tcacgaaat	gcagagagat	gcccatttag	1560
acaaattagc	gaatacaaat	ttaagctttc	aaaagccaga	acaggatata	actaccttgg	1620
agcaaagtat	tagccggctt	gagggacagg	ttctgagata	taaaactgct	gctgagaatg	1680
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aacagcactg	gacaagattg	aggagatgga	gatgaccaac	agccacctgg	ccaagcggt	1800
ggagaagcat	gaaggccaat	aggacagcac	ttctggccca	gcagtaggaa	aaccacctt	1860
caacctgggt	gatgtcctt	ggggccctac	ctagagggac	tgacttttgt	ccattgacac	1920
aaacctctt	taagtacctg	ttttgagttt	tgtcattaaa	acaagccacc	tttgtatttt	1980

ataatttatg	acagaattga	agtcattttg	aatctacatg	aatgaacact	ttggattttt	2040
gttgaggatt	gattctaggg	tagaaccagt	ccatgctgtt	tttatttttt	atctccgtaa	2100
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tccagtggtc	aaaagacatt	tacccttaat	atcagacaac	atttatattt	tagtgaagaa	2340
acaagtcttc	gggtggggaa	tctatgtttc	actcagattt	atatgtttgg	aggaaaaaag	2400
cctttttttg	taaaatattt	aaatttatat	aagaaaatgt	tagaaaaaaa	tatggggagt	2460
gtatataaaa	cttgctttat	tgcattgggc	aggggaagtc	caggcctaata	actcctaaag	2520
taagagttgg	gtcctttttt	tcttcaatac	aactgtgctg	taccttgtaa	aaa	2573

<210> 3847

<211> 1482

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1479)...(1311)

<223> similar to gi299471 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3847

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aggctttgtc	tcaaaaaata	aaataacaaa	ataaatgaaa	taagataaaa	taaaaatata	180
gtactttgat	aaggaaaagg	aactgtcaga	aagggtgcgat	tccccagtc	ctcacttagg	240
agagagacca	acagcctgag	ttaaccaagt	cctttgtagc	ccacagcaac	agggagctag	300
ggactgagtc	aggctctctg	taactgtccc	tatttgccct	gggtccccag	gagggtaatg	360
ttattaagct	tcaggatatc	gtcgctgttc	ttcttgaggc	cacaaggagg	cagcacagtg	420
tctctgtcag	gaaaatacac	ttggatgtgg	tgacagacgt	ttccccgagg	cttacgtttg	480
attctgcacc	aggcgctgcg	tacacctgct	tggaggctgc	aacggggcgg	gctctgctgc	540
gtcaacacat	ggacatcact	ggagaggaaa	accactcaa	caagctccgc	gtgaagattg	600
aaccaggctc	aggaggctcc	tctgtctgac	accactccc	ctcaattgag	cttggagccc	660
caagttaatg	cgaacttcat	gttgatcagt	gcacgcttag	aatactttat	ttggagggag	720
gggcactcca	gagctctttg	tagccaattc	tctggccctt	gggctgactg	aaccaagcc	780
attgcagcca	gataggagtt	ctgtccagtc	tgtgcggttc	gtgatgactt	caccattgct	840
ttgcatttgc	acaagtccat	atcgttttac	caggctcttt	cgcattcctt	catgatcatc	900
agggcagatc	tgtggattct	gtagaataaa	agcattagcc	ttattttaca	gaggatggga	960
ctgagtgcc	gacaagttaa	gtgtcttgtc	caggctcatgt	acctaatacag	tgcatgactg	1020
caactgagat	cgggtcctc	tctccaaatt	cagatctttt	tacttcctaa	cattttcctt	1080
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ctaaaaatac	aaaaattagc	tgggtgtggt	gatgcacacc	tgtaatccca	gctactgggg	1380
aggetgaggc	aggagaatcg	ctcgacccca	ggaggcagag	gttgcagtga	gctgagatct	1440
gccactgcac	tccagcctgg	gtgatagagc	aagctccgctc	tt		1482

<210> 3848
 <211> 919
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (212)...(814)
 <223> similar to gi3881553 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3848

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gaagcgaaca	ggccgcccgc	cttctgggca	gcccctgctt	acggcgccctc	taccatgcct	180
ggctggcagc	agtggtcac	tttgggccgc	ttctgcagtt	ccatgtcaac	cctcggacta	240
tcttcgccag	ccacggcaac	ttcttcaaca	taaaatttgt	gaattcagcc	tggggctgga	300
catgcacttt	cttagggggc	tttgtgttgc	tgggtggtgt	cctgggtaca	cggcgcgtgg	360
cagtaactgc	cagacacctg	agccgactgg	tagtaggggc	agccgtgtgg	cggggagccg	420
gccgggcctt	cctgctcatc	gaggacctga	ctggctcctg	cttcgagcca	ctgccccagg	480
gtctgctgct	ccacgagctg	cctgaccgcc	gcagctgcct	ggcagccggc	caccagtggc	540
gaggctacac	cgtctcctcc	cacaccttcc	tgctcacctt	ttgctgcttg	ctcatggcag	600
aggaagcagc	tgtgttcgcc	aagtacctgg	cccatgggct	tcctgccggc	gccccactgc	660
gccttgtctt	cctgctgaac	gtgctgctgc	tgggcctctg	gaacttcttg	ctgctctgta	720
ccgtcatcta	tttccaccag	tacactcaca	aggtggtggg	cgccgcagtg	ggcacctttg	780
cctggtacct	cacctatggc	agctggtatc	atcagccctg	gtctccaggg	agcccaggcc	840
atgggctctt	ccccgtccc	cactccagcc	gcaagcataa	ctgaaagaaa	taaaaaccat	900
cgggcctgaa	aaaaaaaaa					919

<210> 3849
 <211> 1458
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1459)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1377)...(779)
 <223> similar to gi5901802 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3849
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ggtgagcagg gctgggtata agccccattg ccagattctg tagccagggtg gagaaaagtg      120
gactggaggc tcataatgtt cagaatactc acattctgtt aatcattttg tcttccatat      180
agcacatcac taccattacc atcctcccc tgctctcagt tntaagtctg tttggtttaa      240
tttctccaga caataaggct tcagtcctct gctagagaga tagctgctg cctacaaaag      300
aagagcaaaa ataaatgttc aaataatccc cttgtttcaa ctttctttat tactcccacc      360
ttccagggtc acagcaatta gctaacaata aaaacactcc cacttctgc agtcacagct      420
gaaagacttt tcaaggcaga ctacatttgg gctggagata caagtgatgt agtttgactt      480
gggcaataca aaacaaaagt cataggaatt aaatggattt tcaatcactg tataattcat      540
tctcctggct taagtacgtt ttaatttttt cacagaaaaa aatatatttc aggcaaataa      600
aaacaaattc cagattagca tagttcagcg tttcattttat cttaccttta tcaaggcaaa      660
caaagtacag atgctgtaca ttaaaaacat agaaatatat cactcacacc acatcaactc      720
ctacggacaa aagggtcttt tctaagccct gctcctttct gaagcacaca ccacagctaa      780
atgtacaaag agccatctgc tggccaaca tagccaactc caatgagcag gacgtctatc      840
agcgtccata ttcccaggcc accgaagctg aagagcttgc cagaggccgt ccccgtact      900
ggccccaggt agaaaacggt ctgctcccaa accccaccga gggatgatgcc ttaagagcca      960
gagcccgtag acccacttat agcctccagt ccaattgcaa tatagcattt tgggaaaagt     1020
acggttaccc aagcagtgga cgtgggtccc gcaccgtgca gttggcaggg tagcgtgcc      1080
gaggacagga caccgtcatg cagctggtgg agttggtaca ctcgtaatct gtttcaggaa      1140
gctgccagca aaatctgcaa gtcattgtta tgatgaagtt cttttgggat ttgaagtctt      1200
gatcaacaca ggtaacagat ggtttcactg cacagtcaaa agtgacaggc ttcccatagg      1260
tacaggagaa atttgtttg cagtctatac agtctgcagg aagcctgcta cacaaaccat      1320
tgctcggaca cttcatcaca taagggtgga tttcagtact ttcaccgccc gacagaatgc      1380
agaactgcga aaggaagagc agcacgcgac acaaggcgcg gaggccctc agcgggcgca      1440
ccccctccgc catcttgc                                     1458

```

<210> 3850

<211> 1904

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1905)...(245)

<223> similar to gi4929773 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3850
cctttttttt ttttttaacc ttagtttagg taaatttaat gactgtaaaa gctgttcaca      60
tagcagcttt aaagagacac gttttccact gacataaagt tgcttcgccc cttgcagctt      120
atctccacct tcatgacctg tttcctcagt ggcaggcaat gtctcccctt cctgttgggg      180
aggattgccc aagtcagctc tgaggccatc ctctcaggtc agcaatatgc agaagagtcc      240
ctcagagtgg tcttgacagag aacatgtccc ctaagtgtct gagaactggc tgagggtgatc      300
ttcaccagca catagtcccc aggtgtgggt ctgaccctga gccagggtt attgacatcc      360
tccatctctg catcagggaa gatcacctta aggtttccat cattcctgcc acacagggtca      420
gtggcagagc gtttactgag cccttccact agcaccaact gggtacagcc cacagaggtc      480
tgattggctt ttgttgcttc ttctcggaag atagtgatga gttcctccaa acgccttaat      540
tttacctctt ccgggacatc atccttcagc ctatgatatg cccgtgtctt ctgtctcatg      600

```

ctgtaggcaa	agaggaagcc	catgttgtac	tgaacttccc	ggagcaaaga	gactgtctgg	660
acgtgatctt	cctccgtctc	accacaaaag	ccagcaatga	aatcgctgct	gaggctcaca	720
cctggaatag	attctctaag	atggtgaact	aactccacat	aagcttctct	tgaatatccc	780
ctccgcatgg	cctccaacac	acggctgctt	ccactctggg	ctggcaggtg	gatctgttta	840
cagatgttat	ctctctcatg	aatcagctgc	agaacctcat	caggaaaatc	cttgggggtg	900
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gctgaggcac	tttttaaaaa	atgttgaaaa	gtcgggtccag	cagccagcct	ggagctgaaa	1860
tccttccgag	ctccatcctc	ctgcctctct	ggactgggac	acat		1904

<210> 3851

<211> 4114

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(4115)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (4115)...(819)

<223> similar to gi3882183 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3851

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ttcaaggatg	gaaaggctcag	agaaaaataa	aataaaaacat	ctttcaatag	tctttcctgg	120
taaaagcagc	gtctctctgg	gctggggagt	aaagggtgtg	gggcaagggg	agtggggaga	180
ggctgaaacc	ttcccccaa	cccagtttt	agatcctttg	gtttccttct	cccagaagat	240
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tcaaggggct	gatgctcctg	gggcccagag	gtaccaccag	agccttctat	gagacagtgc	360
tgggcaatgg	gggggcccgc	agggccttct	tgtgggctgc	atagttggct	tgagggggag	420
caggaggtta	gggggtggga	ccaggggtgc	agcctactag	cctcgggcag	ggctgcagag	480
tgatttttgt	aatccagatg	aactatcaat	aattttaaag	ttgatata	tatatgtata	540
tatatataaa	aatctcccc	ctttccctcc	ccccttagaa	gaagctagga	tgtcaagagt	600

catggagaga	ggagggggaa	ggggatgtag	aggctcctgc	ccaggggtac	ctctgatagc	660
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gcagagtgtt	ctggggggga	ctgtccgttc	aacggttnang	actggtcagg	accggcggca	3720
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agacgcccc	accccgagcc	cggcaggctt	ctagtcccg	ccctccctcc	cccccgcccc	4020

cggggcggcc cggtcttccc ggctcggggg ctgcagcaat atggacggac gggggagagg 4080
cgcggcgagc caagcagacc acgcgatccg cggc 4114

<210> 3852
<211> 339
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (27)...(39)
<223> similar to gi57053 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3852
ccatagcctc caccttaagt aactagaaaa aggaataaat tacacaccaa acaagcaaaa 60
gataagacat aataaagatc aaagcagaaa gcaactaaat agaaaacaga aatacaatca 120
aggacatcaa tgacaccaa gctttgatgt catttgatga cacctttgag aagatcaata 180
aaattgataa accttttagct ggattgactg tggattaaaa agagaagaca gaacaatcaa 240
tggtaggaa taggtaatat cactatacta caccacaaat agtaaaagaa taataaggga 300
atactaggaa caaaattagg cataaaacat atactttta 339

<210> 3853
<211> 5059
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(4524)
<223> similar to gi473941 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3853
ggcggcgggc agccggtgcc ctgggatcat ggtggcggtg cggggccttg gtagcggcct 60
gcagccctgg tgtccgctgg atcttagact cgaatgggtt gacacagtgt gggaactgga 120
tttcacagag actgagcctt tggatcccag catagaagca gagatcatag agactggatt 180
ggctgcattc acaaaactct atgaaagcct tttacccttt gctactggag aacatggatc 240
tatggagagt atctggacct tcttcattga gaacaatgtt tcccatagta cactggtggc 300
attgttctat cattttgttc aaatagttca taagaagaat gtcagtgtac agtatcgaga 360
atatggcctt catgccgctg ggctttactt tttgtacta gaagtaccag gcagtgtagc 420
caatcaagta ttccaccag tgatgtttga caaatgcatt cagactctaa agaagagctg 480
gccccaggaa tctaacttga atcggaaaag aaagaaaagaa cagcctaaga gctctcaggc 540

taaccccg	ggg	agggcatagaa	aaaggggaaa	gccacccagg	agagaagata	ttgagatgga	600
tgaattata	gaagaacaag	aagatgagaa	tatttgtttt	tctgcccggg	accttttctca		660
aattcgaaat	gccatctt	accttttaaa	gaatttttta	aggcttctgc	caaagttttc		720
cttgaaagaa	aagccacaat	gtgtacagaa	ttgtatagag	gtctttgttt	cattaactaa		780
ttttgagcca	gttcttcatg	aatgtcatgt	tacacaagcc	agagctctta	accaagcaaa		840
atacatacca	gaactggctt	attatggatt	gtatttgcgtg	tgctctccca	ttcatggaga		900
aggagataag	gtcatcagtt	gtgttttcca	tcaaagtctc	agtgtaatat	taatgttaga		960
agttggtgaa	ggatcccatc	gtgccccct	tgctgttacc	tcccaagtca	tcaactgtag		1020
aaaccaggcg	gtccagttta	tcagcgccct	tgtggatgaa	ttaaaggaga	gtatattccc		1080
agtcgtccgt	atcttactgc	agcacatctg	tgccaagggtg	gtagataaat	cagagtatcg		1140
tacttttgca	gccagtcctc	tagtccagct	gctcagtaaa	cttccttgtg	gggaatacgc		1200
tatgttcatt	gcctggcttt	acaaatactc	ccgaagttcc	aagatcccac	accgggtttt		1260
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tacgttttct	gtaatagaga	gtcaccctgg	taccttactg	agaaattcat	cagctttttc		1560
ctaccaaaag	cagacatcta	accgttccga	accctcaggg	gagatcaaca	tagacagcag		1620
tgggtgaaaca	gttggtatctg	gagaaagatg	tgtcatggca	atgctgagaa	ggaggatcag		1680
ggatgagaag	accaacgtta	ggaagtctgc	actgcaggta	ttagttagta	ttttgaaaca		1740
ctgtgatgtc	tcaggcatga	aggaagacct	gtggattctg	caggaccagt	gtcgggaccc		1800
tgcatgtctc	gtccggaagc	aggccctcca	gtctcttact	gaactcctta	tggctcagcc		1860
tagatgcgtg	cagatccaga	aagcctgggt	gcgggggggtg	gtcccgggtg	tgatggactg		1920
cgagagcact	gtgcaggaga	aggccctgga	gttctctggc	cagctgctgc	tgcagaacat		1980
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ctggtccaag	aaagaaaaat	tctcaccac	ttttataaac	aatgtaatat	ctcacactgg		2160
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gctggactac	agcagaataa	tacaatcttg	ggagaaaatc	agcagtcagc	agaatcccaa		2280
ttcaaacacc	ttaggacata	ttctctgtgt	gattgggcat	attgcaaagc	atcttcctaa		2340
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ctgcgagcac	cgcctctcca	acatcgttct	caaggagaat	ggaacaggga	atatggacga		2580
agacctgttg	gtgaagtaca	tttttacctt	aggggatata	gcccagctgt	gtccagccag		2640
ggtggagaag	cgcattcttc	ttctgattca	gtccgtcctg	gcttcgtctg	ctgatgctga		2700
ccactcacca	tcattctcaag	gcagcagtga	ggccccagcg	tctcagccac	ccccccaggt		2760
cagaggttct	gtcatgccct	ctgtgattag	agcacatgcc	atcattacct	taggttaagct		2820
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ggtgtgtgag	gacgtggctg	tccgcaacaa	cgtcatcatt	gtaatgtgcg	atctctgcat		2940
tcgctacacc	atcatggtgg	acaagtatat	tcccaacatc	tccatgtgtc	tgaaggattc		3000
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tgtgaaatgg	aagggtctcc	tgttcttccg	atttgtcagc	actctgatcg	attcacacct		3120
agacattgcc	agcttcgggg	agttttgcct	ggctcacctg	ttactgaaga	ggaaccctgt		3180
catgttcttc	caacacttca	ttgaatgtat	ttttcacttt	aataactatg	agaagcatga		3240
gaagtacaac	aagttcccc	agtcagagag	agagaagcgg	ctgttttcat	tgaagggaaa		3300
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ctcaaaggag	atcaagcttt	tggcaatgag	atctaaacca	gacaaagacc	tccttatgga		3540
agaagatgac	atggccttgg	caaagttagt	catgcaggaa	gctcagaaga	agctcatctc		3600
acaagttcag	aagaggaatt	tcatagaaaa	tattattcca	attatcatct	ccctgaagac		3660
tgtgctggag	aaaaataaga	tcccagcttt	gcgggaactc	atgcactatc	tcaggggaggt		3720
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aaaacatgca	gatgtggccg	ggacggctgg	aggtgctgag	gtggcacctg	tggcacaggt		3900
tgccctgtgt	ttagaaacag	tgccagttcc	tgctggccaa	gaaaaccctg	ccatgtcacc		3960

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tacacctgaa	acagggccat	tgcagagggt	gctgccccaa	gccaggccca	tgccctgag	4080
caccattgca	atcctgaatt	ctgtcaagaa	agccgtggag	tcaaagagca	ggcatcggag	4140
tcggagctta	ggagtgtctc	ctttcacttt	aaatttctgga	agcccagaaa	aaacgtgcag	4200
tcagggtgtct	tcatacagtt	tggagcaaga	gtcgaatggc	gagattgagc	acgtgaccaa	4260
gcggggccatc	agcaccctccg	agaagagcat	cagtgtatgtc	acgtttggag	caggggtcag	4320
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gaatgtgcgg	tctcccgcca	ggaataaaga	cactccagcc	tgcagcagga	ggtcctccg	4500
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caggagccct	tgaggaagca	gtctcgtgtc	ctccgtgtga	aggccagctg	gatcacttcc	4620
cgcagtccct	ggggcagcgc	tttgctgtgg	aacacgagag	ctccctccct	cagggggccg	4680
gcactcacct	tctattctgt	tatgatgtat	ttggttaaac	actgttcaaa	taatagagat	4740
gtgcccagat	ttagattttc	cttaccctaa	tctgtttaat	attgtaactt	tattccattt	4800
gaaagtgtca	agccccattc	cagataagcc	tataatctgg	tcctttaagg	gaacacaact	4860
ttaaaactgc	agctttcttt	tatataaatc	aaggcctctg	ttaacttgaa	ttccttatag	4920
tacatatatt	cccatctgta	atgacgaaat	tttgattcta	atatttttct	tattatttat	4980
aagggcaaat	tttttaaaaa	aagtgtacag	cttttctaaa	agtaataaag	gtttagcata	5040
aatacagcca	aaaaaaaaa					5059

<210> 3854

<211> 1964

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (344)...(847)

<223> similar to gi4760400 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3854

attcagcatc	ttttcttctc	aagacgctga	atgtaatctt	agttgtaaat	acccatcacc	60
tgccagtcac	cgagcactca	tgcaccaggg	ctttgcgtta	tgtcctaaga	tcctcataac	120
caccttgcaa	ggggactatc	atcattacct	ctgtattaca	gatggagaaa	ctgaggcaca	180
gagaggtaac	gtgacttgtc	tcaggccata	aagctgggga	aagtagtggg	gctgggtttg	240
aacctgagct	gtgagacctc	agagccctaa	actctggtgc	ctgtgtgttc	ccctttcaac	300
ccagactttg	gaaatcagta	gacaccatat	gcttcaaaaa	acaggagcta	ttaaaatgac	360
atcaggagcc	agaaagtctc	atggctgtgc	tttctcttga	agtttataca	acaaccagat	420
caccgatgtc	ggagccagac	tgggaaaaaa	caaaataaca	agtgaaggag	ggaagtatct	480
cgccctggct	gtgaagaaca	gcaaatcaat	ctctgagggt	ggctctgcgt	ccaacggcat	540
ctccacagaa	ggaggaaaga	gccttgcgag	ggccctgcag	cagaacacgt	ctctagaaat	600
actgtggctg	acccaaaatg	aactcaacga	tgaagtggca	gagagtttgg	cagaaatgtt	660
gaaagtcaac	cagacgttaa	agcatttatg	gcttatccag	aatcagatca	cagctaaggg	720
gactgccag	ctggcagatg	cgttacagag	caacactggc	ataacagaga	tttgcctaaa	780
tggaaacctg	ataaaaccag	aggaggccaa	agtctatgaa	gatgagaagc	ggattatctg	840
tttctgagag	gatgctttcc	tgttcatggg	gtttttgccc	tggagcctca	gcagcaaagt	900
ccactctggg	cagtcttttg	tgtcagtgtc	ttaaaggggg	ctgcgcaggc	gggactatca	960
ggagtccact	gcctccatga	tgcaagccag	cttcctgtgc	agaaggctcg	gtcggcaaac	1020
tccctaagta	cccgtacaa	ttctgcagaa	aaagaatgtg	tcttgcgagc	tgttgtagtt	1080

acagtaaata	cactgtgaag	agactttatt	gcctattata	attattttta	tctgaagcta	1140
gaggaataaa	gctgtgagca	aacagaggag	gccagcctca	cctcattcca	acacctgcca	1200
tagggacca	cgggagcgag	ttggtcaccg	ctcttttcat	tgaagagttg	aggatgtggc	1260
acaaagttgg	tgccaagctt	cttgaataaa	acgtggttga	tggattagta	ttatacctga	1320
aatattttct	tcttctcag	cactttccca	tgtattgata	ctgggtccac	ttcacagctg	1380
gagacaccgg	agtatgtgca	gtgtgggatt	tgactcctcc	aaggttttgt	ggaaagttaa	1440
tgtcaaggaa	aggatgcacc	acgggctttt	aatttttaatc	ctggagtctc	actgtctgct	1500
ggcaaagata	gagaatgccc	tcagctctta	gctgggtctaa	gaatgacgat	gccttcaaaa	1560
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catgggctac	agtgtctggc	cttgggaaga	agtgattctg	tccttccaaa	gaaatagggc	1680
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ctcaggggat	cggctgggaa	ctgggccagc	agagcatgtt	ggacaccccc	caccatggtg	1860
ggcttgtggg	ggctgctcca	tgaggggtggg	ggtgatacta	ctagatcact	tgtcctcttg	1920
ccagctcatt	tgttaataaa	atactgaaaa	cactaaaaaa	aaaa		1964

<210> 3855

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1190)...(79)

<223> similar to gi4929601 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3855

cacagtccaa	agacatgggc	agcaacaaag	gacacacaat	gactgaaacc	attaacgtta	60
ccttttgga	tctctcagtg	ccctgagcaa	tctgtgtgtc	tacctacaga	tgggcaaagc	120
atttttgcac	cctggcccca	ttcccagttc	tcccgtgaga	actcagtcct	ccttgaagac	180
ttggatgatc	ctgtcaattg	agctcccatt	tagcggctca	ttgtgcccag	gggctcacat	240
ctgcaagtta	aaattgcttt	tatcaacatc	tgatacaatg	gttctcattt	cacataaata	300
atcacagact	tgactaaaat	gaatatatta	ttctagggtta	atttttttcc	attcaaagtgt	360
ttatactcca	tctaccaga	acaattacag	cagaaaaaat	aggcacctcc	aaagtcttcc	420
caagaatgat	gactttctga	aatgacacac	tgtacaaact	ggacaaatga	gacgactgac	480
tgtgacaggg	gccggggagc	tcttcaaggg	gccgttttct	tcaagtctcg	gatctgttta	540
atcaagtagt	tcttctcgtc	agcgaactgc	tcatcatccg	tcctttcttt	ttggaagctg	600
ctcagaaaact	caatgagttt	gggctgattt	tttaacagga	tctccacaat	aggctgtgtt	660
ttgtgaggac	tggccacaaa	caccttaaaa	acatgaaagg	cttcaaactg	gatgttggga	720
cttttatccc	gaaggaggtt	catcatgagt	ttcaggttct	ccggcttgct	gatatacttt	780
gtcatgatgg	caaagtgttg	acggctccagg	atcagctccc	ctagcagctt	taaagactgt	840
ctcttagtaa	cataattctc	agactgaagc	aatttctcat	agtcttcaaa	aatagtgtcg	900
taattttgtt	ctaagaagtc	tgctaccaac	actttatgtc	tggttagtaa	atccttgaaa	960
gtagcaaaag	catctgaagc	aatatcaaat	gttgacaact	ccacgtactt	aaagaaatct	1020
ctgaattgat	tagaaaagag	gatgattttg	gcaagtgggt	catgtcgaat	acattctctc	1080
agcataatcc	cacaacgtaa	ggcaatctgt	ggggcttcat	atcctttgag	gagcataaac	1140
aggatatgag	gatgagcact	aatatactcc	acagtaggac	ttcgagtgtc	a	1191

<210> 3856
 <211> 360
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (49)...(145)
 <223> similar to gi995654 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3856
 gagataaccc acattgttgg agagacagct gcctttctat gccccaggct gaggctgaga 60
 cggggtggga aggatggatc cccaaagcct ggggtcttgg cctcagtgat tccagtggac 120
 aggcgtccag gtgagtagga catccagaag atttggactt ggagatgttt ccccctatTT 180
 tgagtgtcca gattaagagc tggctgcct agtcatttta aaacatgctg ggaatccaag 240
 ttgggtctcc tcattttaat gatgtctagg ctgagggctg ggcctttcat tcttgagtcc 300
 ctgggctcag aagtgggtct cttccctcc tctcagggtg ctgaggaagg accccaggTg 360

<210> 3857
 <211> 380
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (125)...(322)
 <223> similar to gi3114713 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3857
 aaaaatacta ctggtggcct tcagcagaat cccaggggcc tgatttagcc tggcggccct 60
 gcttaaagtc caggtgttgg cagagggggt gggccataac ttacctgcc tgtatactgg 120
 gggaacacag gtggagtttt ccgaagcccg gatttatgag gagaccctga acattatgct 180
 gtatgaggcc caggatggcc ggggacctga caatgcgctc ctggaggcca caggcggtgc 240
 ggcggtgcgc tcccaccacc tggacgagga ctaggagcgg aagcggatcg agcggtgcg 300
 gaggattcac attaagcgcc cttgggaccg ggccattctc accagtgagc aggctggata 360
 ccgagccgcc cttttttacc 380

<210> 3858

<211> 927
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (925)...(655)
 <223> similar to gil389766 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3858

cggttgagtg	tgggtatcca	gggtctacac	tgctcatggg	ctagaggaga	gagttgccag	60
aattccgatg	gttaaccttt	catatctgtg	aacgctaact	accccttttag	gtcaccaatc	120
ccaagggata	aatcaaccac	ccgggcacat	cataatcaaa	ccaataaaaa	ccaaagacaa	180
agattcctga	aaataactcag	agaaaaataa	catgtttcat	acaggggaaa	tattacttta	240
atggctgcac	atttctcatc	agaaaccatg	gaggctgaaa	gaactgtcaa	cacagtagtt	300
tatatccagc	aaaaatatct	ttcatgaatt	aaggcaaaat	aaagacattc	tcagatgaag	360
aaaaaataag	agaattaaat	gtcaacagac	ctgcactaaa	agaaattttc	cagatgaaaa	420
ggactgatac	ctatgtaaac	ttggaacatc	aagaattaag	gaagattaat	acaaatgata	480
aatattgtgg	taaatgtgac	agactgtttt	cctcttgggt	tcttaaaaaat	atctatgata	540
gttgtaagga	aaaaatacat	tatctgatga	gtcttatattt	ttatttttat	tttttgagac	600
acagtgtcta	gctctgtcac	tcaggctgga	gtggagtgga	gtgatcttgg	ctcactgcaa	660
cctttgcctc	ctgggctcaa	gtaatcctcc	cacctcagcc	tcctgagtag	ctgggaccac	720
aggaacatgc	caccacgcct	agctaatttt	gtgtattttt	tgtagagttg	gggtttcccc	780
acattgtcca	ggctgggtctc	gaactcctgg	acttaagcaa	tctgctcgcc	tcggcctccc	840
agtcttgga	ttacaggtga	gccactgtgc	ccagccaagt	cttatgattt	ataagaaaat	900
tataacataa	aggggagagg	gtaaagg				927

<210> 3859
 <211> 374
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (10)...(9)
 <223> similar to gil619929 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3859

aaatttttta	aatgtgcaag	accgctatat	aggaagctac	aaaaaaaaagt	actgaaaaaa	60
attaaggaca	acataaataa	atggagggat	ataccgtggc	catggattag	aagactcaat	120
atcataaaga	tgctcagttct	cctaaaattc	atctaattgat	tctaacaatg	taatctgaat	180
gaaaagatat	tcaaaatgaa	aatcaaagca	catggagatg	aaaagtttta	acattctaaa	240
taaaccagat	ctaggtaata	aaggaaatca	aaaccacat	ctcagactat	ttaaaaaatg	300
caaaagtgag	atcactatcc	attaaaacct	gtgggatttg	ccaaaaccgt	actcaaaaga	360
aatgtaaca	gcgg					374

<210> 3860
 <211> 428
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(167)

<223> similar to gi5689485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3860

tgatagaaaa	cataactaaa	aaagtagaag	acactgttaa	atttgaatct	ggatcctata	60
tagcttcttc	tctgggatct	actgaggagt	gaaatctaaa	tgaagattta	gcttagaaaag	120
catgaagata	gtaggttcca	attttaaata	aaaattatat	tgtctgaaag	acaatacaat	180
tttagtactg	ggggaaaaaa	aactagattg	ttatttgaag	aagaaaacat	catggttctc	240
tccaggttta	aaatgggtgc	tcccatgtag	gctgattttc	cgggcatttg	atcttaactt	300
gaaggccatc	tgcccagccc	agcaatcaaa	gggctgctaa	gctgtccttg	gcagcctcta	360
ctgggcaaag	ctgtgcatat	aactctgaag	aaagggagat	cttttaatgt	tgcggacgcg	420
tgggtcgg						428

<210> 3861

<211> 986

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (790)...(488)

<223> similar to gi2613008 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3861

tttttttttt	ttcttcagca	ttgtgtttta	ctttttggga	gagaggctag	gaggaggaag	60
gggtgaaaac	agcatctcac	tggagtctca	aaagtgtatg	aatcttctgg	tagtgcaagg	120
atgggataag	atggccaggg	aagtcagatg	gaaaatcccc	aagattcttt	ttgctactga	180
tttctataat	taaaatatga	catatgtaag	ggactagtgc	atgatattca	ataaatgtca	240
gttgtctttc	ctaactaggt	tcctcacagg	ctaggttatg	cctagatata	atcatcctcc	300
tttcagggaa	tgaagctcac	ctagaaaact	agggaaactaa	aagtgcataa	tggtttgggt	360
aatgcagttg	gttagctgtc	tccccatcct	cccaactcac	tattccaggg	aggggctgaa	420
aacagaagtg	gtccccctga	agtctagtta	gcatgtcatg	acagagtcca	catgaagggc	480
tgtgggctgc	aactttctag	tgcacagtcc	tctctttttg	gcgatgataa	ttgtagggaa	540

agaagcgcac	acgcatgctg	atttcacgag	ctgtcttcag	gatctcaaca	gccttgetgt	600
gctcaatatc	ttggaaatcc	acatcattca	cagctagaac	ttggteccct	tcctgcagtc	660
ctgctctatg	tgcatcagag	tcaggaatca	ccttgagat	gaagatgcct	agctgggagg	720
cctttcctcc	tcggatgtta	aatcccaact	gagctccagg	aggcttcttc	agtgtgatgg	780
ttcggggcag	aaactgggtc	aactcattgt	tgtagtccgg	gtggtgtacc	ctctcatgag	840
gaggaatcca	tgctggagga	ttctcatagg	caggcaagaa	aaccaccggg	tagtcatcat	900
aaggaatccg	gctgtccatc	tcgggcaagg	cccagtgggc	agtccacagc	gacctcagac	960
tccgctcaca	cgaaatcgtc	gacccg				986

<210> 3862

<211> 1364

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (140)...(1183)

<223> similar to gi3298472 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3862						
gaatggacat	gtaaaaattta	gttacattcc	aggggaatttt	caggtgaaaa	ttagtagata	60
gttaatatga	aaattttata	tgaattcata	ttttttcttg	gacaatatgc	taatatttat	120
tgatttcaca	aattttacagc	atatgggtga	ttttggaagc	attcatagac	ccggaattgt	180
tgttgactat	caaaaacaaat	ccaccaatgt	gacagttgct	gctgcaagag	gaataaagag	240
aaaaatgatg	cagccattta	ataagcccag	tggaaccttt	atcaagaaac	ccaaactagc	300
aaaacctatg	gagaagataa	gcctcagcaa	atcacccaca	aaaactgatc	ctaaaaatga	360
agaggaagaa	aagcggcgaa	ttgaggctcg	gcgagagaaa	caaaggcgca	gaagagaaaa	420
aaacagtgag	aaatacggag	atggatacag	aatggcattt	acatgttcat	tttgtaaatt	480
tcgaacattt	gaagaaaaag	atattgaact	gcctctggaa	agttcttcac	atcaggaaac	540
attagatcat	atacagaaac	aaactaaatt	tgataaagta	gttatggagt	ttttgcatga	600
gtgtatggtg	aataaattca	agaaaacatc	tattcgtaag	caacagacaa	ataatcaaac	660
agaagtagtt	aaaataattg	aaaaagatgt	tatggaaggt	gttactgtag	atgatcacat	720
gatgaaggta	gagacagttc	attgcagcgc	ttgcagtgtg	tatatccctg	ctttacatag	780
ttcagttcag	cagcacttaa	aatctcctga	tcatatcaaa	gggaagcagg	cttataagga	840
acaaataaaa	agagagagtg	tcttgactgc	tacaagcatt	ttaaataatc	caatagtga	900
ggcgcgatat	gaacgttttg	ttaagggtga	gaatcctttt	gaaattcaag	accattctca	960
ggatcagcaa	atagaaggag	atgaggagga	tgaagagaag	attgatgaac	ctattgaaga	1020
agaggaggat	gaagatgagg	aagaagaagc	agaggaagtg	ggggaagtag	aggaagtgga	1080
agaagtagag	gaagtgagag	aaggaggaat	agagggcgag	ggaaatatac	agggagtagg	1140
ggaaggaggg	aagtaggggt	agtgggagaa	gtcgaggggag	tgtgggttgt	gctggatggt	1200
ttgtaatccc	ttaaacattt	tatgatgtac	tcttttagtg	tatatgcatt	ttcttacttt	1260
tgttattact	gtgtcccttg	tgtatgactg	ctcttatatg	tttatggaga	ttgaacacgt	1320
tcactttcca	gcttatatgt	actttatact	gacttgttct	tttt		1364

<210> 3863

<211> 2388
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(983)

<223> similar to gi3047191 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3863
cggacgcgtg ggctgggagc tgtggtgcat gtacatcagc ccccaaaaag actggtggga      60
cgccggagac ccttctctcc ccatcaggac ccagccatg ataggctgct cgttcgtggg      120
caacaggaag ttcttcgggtg aaattgggtct tctggatcct ggcattgatg tatacggagg      180
agaaaatatt gaactgggaa tcaaggtatg gctctgtggg ggcagcatgg aggtccttcc      240
ttgctcacgg gtggcccaca ttgagcggaa gaagaagcca tataatagca acattggctt      300
ctacaccaag aggaatgctc ttcgcgttgc tgaggtctgg atggacgatt acaagtctca      360
tgtgtacata gcgtggaacc tgccgctgga gaatccggga attgacatcg gtgatgtctc      420
cgaaagaaga gcattaagga aaagttaaaa gtgtaagaat ttccagtggg acctggacca      480
tgtttaccca gaaatgagaa gatacaataa taccgttgct tacggggagc ttcgcaacaa      540
caaggcaaaa gacgtctgct tggaccaggg gccgctggag aaccacacag caatattgta      600
tccgtgccat ggctggggac cacagcttgc ccgctacacc aaggaaggct tcctgcactt      660
gggtgccctg gggaccacca cactcctccc tgacaccgcg tgccgtgtgg acaactccaa      720
gagtcggctg cccagctccc tggactgcga caaggtcaag agcagcctgt acaagcgtg      780
gaacttcacg cagaatggag ccatcatgaa caagggcacg ggacgctgcc tggaggtgga      840
gaaccggggc ctggctggca tcgacctcat cctccgcagc tgcacaggctc agaggtggac      900
cattaagaac tccatcaagt agagggaggg agctggggca ctggagcctg gccccagga      960
catggctgct cccccaaca tctggaccag ctgccctggc ggagagacag caaggggccg     1020
gcaggtgctc gatgggcccc ccagggttc tccagggcag cacagggacc ccgatgaag     1080
actctgtccc ccctcaggca ttcagctgcc cacaagtttc ctgcaccctg gaaaagcccc     1140
ccacccttcc tctgggaaac tgacagctgt cttccacagc ctctgatgtg gacctggtac     1200
tgaggagcaa gactgtccag ttctcctcca catctcccat cccagaatca ggatctggga     1260
ctggcagggt cccctcctgt gtctcatctc ttgcagcagc agctgctgaa ctccagccat     1320
caacacggtg ggaggcagcg ggggcttcag ccatgtccta gctccccgcc ctaaaaggag     1380
gcagtgagga ccaggcacta tttcctcga ggttacttct acccagatga cacctgcctg     1440
ttcacgcccc aaggcagcta ctgcccctaa cccttcccac cagggtagct ttgggactg     1500
cagctctgga cttttctggc ccctcctgag atgacctgat ggagctgatg ctttctctcc     1560
taatccctgg gcaactaggc cttatcaggg tgcttgggcc agctctcctg cctgtgtcta     1620
gaggaagcca gagacagaaa taggctaagc ctgcagtagg atctcagcca caagggcccc     1680
gcaggatgga gctgggtcaa ggaccaggga gccctgactc ccagaggctg ccaccgggga     1740
gaagcagcgg tcctccatcc agaaccctaa ggctgaagca aaggctgcca ggacccttga     1800
agatgctttt ggctcacctc atttcacccc acgctctgct ggctggcaga ggagaaggca     1860
gtcgtttcct ctctgaagag tatttttttc gattgccctc tggttagggt gcacatataa     1920
atcagagtta atatatgaac gcgtgtgcat gcacaagtgt gtgtgtgcct gcgtgctgtg     1980
cgtggcaggg tgtgtgtgtg tgtgtctggc tgtgcgttcc ggagtgtgtg acgatgctga     2040
ctctagcatg tggggccttg ggcttgctgc ttcattactc accctggatg gggacgaggg     2100
atgagaaggg tgtgggtttg gccccatgt cactggccgg aaggatgtgt ctcagccctg     2160
ccctgtgggg tgcccccgat gggaggctgt cccatctccc agtccccatc tctttttccc     2220
cacactgtcc ctggccaagc cctgcccaga gctgaaccct gtagctgccc ccttgccctg     2280
tgtgggattc gcagtgtctc atttggtgac gtcttactgg tgatcatctc ctcaccccat     2340
ctccaacctt gtggaataaa tacatgttag cacttcccaa aaaaaaaa     2388

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<210> 3864
<211> 1773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1755)...(1167)
<223> similar to gi2851769 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3864
taccaatttt atttcattaa tttatttgct attttaatat ttttaagaaac tacatttttaa      60
tcacatagac aagcagataa gtaaggcttc ttctaccagg tgggcttatg aaatgcaaaa      120
taagcaaaag gagcattttt ttgctcccca cagaggcaaa gacatctttt aacctaaactc      180
tcctaattgca tgatgggtta caaacccaaa atgaatgcag gttcacatgt actataattg      240
ttgggagtcg aatgcatgta ttcttcaggt tcacttctgg aaatttagat aacttattta      300
ttacacgctt tatttgagtt aaagataaga aaacaatata cttttaatgt aaattgctat      360
ggcaatgtag tttacagtaa ttctttttat atatacttcg tattattctt ttagacattt      420
tataaggaat aaagctaatt gtatattaag ttttaacaata atcagaaaat attctccaaa      480
agaatttctt gaagtgggct tgctaggtat aaagctcata attgtcaaga tacttacatt      540
agggacatga acccaagtcg ttaaataaaa ataagatatt tgtaaaaaag tgctatagaa      600
gaaggtgcac aaaaaacatg cacttacaca tactttccaa aaggatgtaa actgtacttt      660
taggcactgt catctcttca aatttctttt accaatgata tatagcacia tttttgatgt      720
ctagatggtg ctgtaggaag atgactaagg caaccacgtg cagaaaagca tgtgtgtgat      780
gcacagaaaa tataaagatt gcattccaaa agtgaaggtc tgcaatgata gtttgttatc      840
tgaaagggtt ggagtgtctt gtcattaaaa aatgaaatat atgccactgg agtcatatca      900
caaatgggtg ctgatgtgga cactctacct ttaaaatgac tttttaaaca ggcagacatt      960
tctatgctgt tttatagggt gctatgtgac ttcagtactt tataataaat agccagtcaa     1020
tcttgagagc cagctacttc tcttaaacc c aagtacaaga tataaatatt caaaatatgg     1080
aatgtttaac atagagactc gaatgaaaa atgacaatct tcaaaattcc ccattgtttg     1140
tcatattgca tagctgaaaa ttcacttact acttagtaaa aagtgtctctg ttcattcaag     1200
ctgaattttg ctccagtcct cttcagtttc catctttcat actgaatagt ggatccacaa     1260
gtttatttgg cacatgcatt agacctttaa agtatttcac agttttaact cttaattcta     1320
aagtagcatc ttcacgcat acaaaaatag tccggggatg ctgctggaaa gcggaaacag     1380
tccacatgtg attgactcct tcttctattg ctttgtacag ggcaaatgcc ttgtgtgccc     1440
ctgttataag gatcattact tctctagcat ccatcactgt cccacacca acagttagag     1500
ccatagtgtg cactttttgat aaatctccat caaaatattt ggcatttgcc aagatgggat     1560
ccattgctag agtctttaat cttgtccttg aactaaact ggatccaggc tcattgaaag     1620
cgatatgacc atctggacca attcctccaa caaaaagatc tatctctcca gcttctttta     1680
ttttgttttc aaaagcatca cattctgctt gtaaactctg agcattcccg tcaaggatat     1740
gtgcattatc ccacgcgtcc gccacgcgt ccg                                     1773

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```

<210> 3865
<211> 333
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (9)...(246)
 <223> similar to gi312969 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3865
 atcacatatt gacgatcgct ttccgtatct atgacaagga tacagacggc tataattgggt 60
 atgggtgaact catccgggta ttgaagatga tgggtgggta caatctgaaa gatacacggt 120
 gactgcaaat tgtatactaa accataataa atgctgatta ggatggagat ggaagaatat 180
 cttttgaaga attctgcgct gtcggatgtg gcctagatat ccacaacatg atgggtggtag 240
 atgcgtgact cttatcagac agtaccaccc atcacttttg ctttcttcta catctctgaa 300
 gatctgcgtc ggacgtccag caatgctctt tcg 333

<210> 3866
 <211> 2145
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (59)...(61)
 <223> similar to gi2654365 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3866
 gagtaaagca aagagaaaagg aagcaggccc gttggaagtg gttgtgacaa cccagcaat 60
 gtggagaagc ctggggcctt ccctggctct ctgtctctc ccacgggag gaacagagag 120
 ccaggaccaa agctccttat gtaagcaacc cccagcctgg agcataagag atcaagatcc 180
 aatgctaaac tccaatgggt cagtgactgt ggttgctctt cttcaagcca gctgatacct 240
 gtgcatactg caggcatcta aattagaaga cctgcgagta aaactgaaga aagaaggata 300
 ttctaataatt tcttatattg ttgttaatca tcaaggaaatc tcttctcgat taaaatacac 360
 acatcttaag aataagggtt cagagcatat tctgttttat caacaagaag aaaaccaaac 420
 agatgtcttg actcttttaa atggaagcaa agatgacttc ctcataatg atagatgtgg 480
 ccgtcttgta tatcatcttg gtttgctttt ttcttctcta actttcccat atgtagaaga 540
 agccattaag attgcttact gtgaaaagaa atgtggaaac tgctctctca cgactctcaa 600
 agatgaagac ttttgtaaac gtgtatcttt ggctactgtg gataaaacag ttgaaactcc 660
 atcgctcat taccatcatg agcatcatca caatcatgga catcagcacc ttggcagcag 720
 tgagctttca gagaatcagc aaccaggagc accaaatgct cctactcatc ctgctctctc 780
 aggccttcat caccaccata agcacaaggg tcagcatagg cagggtcacc cagagaaccg 840
 agatatgcca gcaagtgaag atttacaaga ttacaaaag aagctctgtc gaaagagatg 900
 tataaatcaa ttactctgta aattgccac agattcagag ttggctccta ggagctgatg 960
 ctgccattgt cgacatctga tatttgaaaa aacagggtct gcaatcacct gacagtgtaa 1020
 agaaaacctc ccatctttat gtagctgaca gggacttcgg gcagaggaga acataactga 1080
 atcttgtcag tgacgtttgc ctccagctgc ctgacaaaata agtcagcagc ttatacccac 1140
 agaagccagt gccagttgac gctgaaagaa tcaggcaaaa aagtgagaat gaccttcaaa 1200
 ctaaaatattt aaaataggac atactcccca atttagtcta gacacaattt catttccagc 1260

atattttataa	actaccaaat	tagtgaacca	aaaatagaaa	ttagatttgt	gcaaacatgg	1320
agaaatctac	tgaattggct	tccagatttt	aaattttatg	tcatagaaat	attgactcaa	1380
accatatttt	ttatgatgga	gcaactgaaa	ggggattgca	gcttttggtt	aatatgtctt	1440
tttttttctt	tttccagggt	tctattttgt	ttaatgagaa	tagaaacgta	aactatgacc	1500
taggggtttc	tggttgataa	ttagcagttt	agaatggagg	aagaacaaca	aagacatgct	1560
ttccattttt	ttctttactt	atctctcaaa	acaatattac	tttgtctttt	caatcttcta	1620
cttttaacta	ataaaataag	tggattttgt	attttaagat	ccagaaatac	ttaacacgtg	1680
aatattttgc	taaaaaagca	tatataacta	ttttaaatat	ccatttatct	tttgtatatc	1740
taagactcat	cctgattttt	actatcacac	atgaataaag	cctttgtatc	tttctttctc	1800
taatgttgta	tcatactctt	ctaaaacttg	agtggctgtc	ttaaaagata	taaggggaaa	1860
gataatattg	tctgtctcta	tattgcttag	taagtatttc	catagtcaat	gatgggttaa	1920
taggtaaacc	aaacctata	aacctgacct	cctttatggg	taatactatt	aagcaagaat	1980
gcagtacaga	attggatata	gtacggattt	gtccaaataa	attcaataaa	aaccttaaag	2040
ctgacttcgt	ttgttatgta	ggctgtatgc	atatattgaa	aacagaagtg	aaactttcga	2100
ttgcttttaa	ataaataactt	tactaatgaa	tttactgcta	agctc		2145

<210> 3867
 <211> 369
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (359)...(119)
 <223> similar to gi176990 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3867		
tttttttgcg	gcgactcag actttattct aagaccagga agggccggtg caaggagggg 60	
aggagggccc	gatgggaggc ccaacgggct agaggaacgg gtaccgacgc tccagcttaa 120	
cggatttcgg	aggtcatcac ggagctcaca gataccagga actgggtccag gaaggcgtgc 180	
accgcagggg	tgaacttgct atgctggatg tcggcctagg tatccaccca tgctgggtcta 240	
atgagctggg	tattgaccgt agccatccta aatgcgtacg caagcaagat gcttatgact 300	
gcagctcctg	tgcattgacct ctgagacgcc aacctgatt acgtcaaagg tcccgttttg 360	
gggtccan		369

<210> 3868
 <211> 2734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (223)...(1079)
 <223> similar to gi2315451 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3868

cagttaataa	tcaactgtac	ctaattgggc	attcacttgt	ggacctcttt	tctgccaaact	60
aaagaaaaat	tgagctgctt	tactcctctg	ccttcccacc	cagaaaccgt	gtcagcatgg	120
ttgcctggct	acctgctcat	gaaggacttg	attaatagca	aattggcaat	ttaacgagcc	180
acttccatga	tctccaaaga	aaccaaata	caaacacaat	atttaatctt	gccaaaccgaa	240
gacgatgtga	ctgcatgaag	tgcccttcgt	ttttaaagaa	agattatttg	attaaaagat	300
gagttttaca	accgctacat	aatgaaaagt	tttttgtttg	aaccagtagt	gaaagcattt	360
ctcaacaatg	gatcccgtca	caatctgatg	aactctgccca	taatagagat	gtttgaattt	420
attagagtgg	aagatataaa	atcattaact	gctcatgtaa	ttgaaaattt	ctggaaagca	480
ctggaagatg	tagattatgt	acagacattt	aaaggattaa	aactgagatt	tgaacaacaa	540
agagaaaggg	aagataatcc	caaacttgac	agtatgcgtt	ccattttgag	gaatcacaga	600
tatcgaagag	atgccagaac	actagaagat	gaagaagaga	tgtggtttta	cacagatgaa	660
gatgacatgg	aagatggaga	agctgtagt	tctccatctg	acaaaactaa	aaatgatgat	720
gatattatgg	atccaataag	taaattcatg	gaaaggaaga	aattaaaaga	aagtgaggaa	780
aaggaagtgc	ttctgaaaac	aaacctttct	ggacggcaga	gcccaagttt	caagctttcc	840
ctgtccagt	gaacgaagac	taacctcacc	agccagtcac	ctacaacaaa	tctgcctggt	900
tctccgggat	cacctggatc	cccaggatct	ccaggctctc	ctggatccgt	acctaaaaat	960
acatctcaga	cggcagctat	tactacaaag	ggaggcctcg	tgggtctggt	agattatcct	1020
gatgatgatg	aagatgatga	tgaggatgaa	gataaggaag	atacgttacc	attgtcaaag	1080
aaagcaaaat	ttgattcata	ataatggcaa	cggcctagga	tcagtacctg	ttgaaaaaaa	1140
ctggttctcc	acccctcccc	catacaaaat	ccacaacaaa	gcgcagtggt	ctcttgtgaa	1200
tgactgacac	agatcagcct	cttacacttg	acttctgctc	atcaagtgcc	aattcaatgg	1260
agcaggagga	ggggatatca	tatatttagg	ggaaagactt	aagcctttga	gctctccagc	1320
ttggaccaca	cattgcccct	ttctcagggg	aggaaatgga	aacaaaaagc	caacagggga	1380
ggggttttgt	aagtggaaact	ctggattgac	tggtcagttg	ctacaatcag	aatatgcttt	1440
cttggaccat	gtttgagact	cagaagaatg	ggcctttctg	ccataattct	tcactagtca	1500
agaatgccag	cagtttcttt	gtataaagag	acctgccttt	aaaatcatac	attctgaaca	1560
ttttagtcaa	gctacaacag	gtttggaaaa	cctctgtggg	ggaggggcga	gtataaagtt	1620
ttcctctttt	ttaactgttc	cctttgccct	tcaaactgca	gatatttttt	tttttaaggg	1680
gggactttct	cctactttgat	taaagattga	gtggaattct	agatgtggtc	atttgtgtca	1740
taattttttt	gttttatttt	gtttttgatt	ttttttttcc	tcccctgagt	gtatgcttag	1800
ttgttgagta	tatatatttg	ggaccattaa	aacttttttt	gatgtaatat	aacctaactg	1860
tgtgctggta	cctgtttttac	catgtgtaat	ttttgttcta	catcacagtt	cttaatttgt	1920
ttagagtttt	atgaaagatg	gtatagtttt	tattgacaaa	agcaaagtaa	tcttacaact	1980
atgtgcatac	aaaagcaata	cctattttgt	gactaaatat	tttatattaa	aatttacatc	2040
agcaactgtc	ttgagaattc	agggaaatag	aatggaattt	aaaacttcaa	cagttttggt	2100
aaatctagaa	acatgaaatt	agtattccaa	agagattctg	aaatttcttt	tcttggggaa	2160
atgacgggta	cattaaatca	aaattgagga	tggatgattt	aaaaacattt	tgacttttta	2220
ataataaaaa	gaaaagtga	gagtaagaga	aattgtatta	gttgatgtgt	tcttgttttt	2280
gttttttaact	actccctttg	gaataccagt	ttgacttgta	agtgggtggt	tctaaataaa	2340
tacctggcca	gaggaccatc	acctgtcacc	ttattaaaac	agtattttta	aataggttct	2400
ttttgttgtc	ttagatgtga	tcaaattatt	tcaaggaaaa	tgaaaataat	tctacttacc	2460
ctcacttttt	aaagtgaaga	gtttagacct	taagaatata	ttttcaaagt	tgaataaaac	2520
ttcatatcca	ggaaaggatg	ctatttttaag	tatcatatac	tttaagagta	tctagcaagc	2580
gctgtgtgct	tctctgtctt	gtcttgttta	ttcctcagta	aattacaatg	gtggtaccaa	2640
aaacaagact	atactgcata	gttggataga	aaaccagaaa	gtgtcaactt	gctccagtca	2700
ttaaaagttt	tattattggc	tgataaaaaa	aaaa			2734

<210> 3869
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (297)...(170)
 <223> similar to gi4160384 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3869

tatggggttaa	atatattata	tttaattttat	atctaatttta	tctataaaatt	atatataata	60
tatacttttaa	caaataaagt	acataatttgt	ttataatgta	taaatatatt	ataaatatat	120
aatataattt	attatatatt	ataattaata	taattatata	ttacgatata	aatacataat	180
tataatatag	tatatatgta	taatataata	tatgtaatat	ataattatat	attataaata	240
tacaatataa	ttatatatac	gtattaaata	catataaata	taattatata	taatagac	298

<210> 3870
 <211> 325
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(211)
 <223> similar to gi344422 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3870

tcgattaaac	cacctttgtc	acactgactg	agcggcactg	tgacctgctc	gtcgtgcac	60
ctgagaactt	cattgcttct	agacctacgt	tgctggctct	gttttacttg	gcccatcact	120
ttggtaaaga	attcacctga	ccatggcacg	ctggctatat	aaaagtgggtg	actggagtag	180
atatagccct	gatccacatt	tatcacttaa	ctcgttttct	tgctgaccaa	actatatcat	240
agtacctttg	ttccctaagt	ccaactacct	agctggggga	tattatgaag	ggccttgagc	300
atctggattc	tggtcgacgc	ggccg				325

<210> 3871
 <211> 1028

<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature

<222> (13)...(879)

<223> similar to gil3006 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3871

gtggcggaat	tgggagaccc	cattctatac	caacacctat	tctgattttt	cggtcaccct	60
gaagtttata	ttcttatect	accaggettc	ggaataatct	cccatattgt	aacttactac	120
tccggaaaaa	aagaaccatt	tggatacata	ggtatggtct	gagctatgat	atcaattggc	180
ttcctagggg	ttatcgtgtg	agcacacccat	atattttacag	taggaataga	cgtagacaca	240
cgagcatatt	tcacctccgc	taccataatc	atcgctatcc	ccaccggcgt	caaagtattt	300
agctgactcg	ccacactcca	cggaagcaat	atgaaatgat	ctgctgcagt	gctctgagcc	360
ctaggattca	tctttctttt	caccgtaggt	ggcctgactg	gcattgtatt	agcaaactca	420
tcactagaca	tcgtactaca	cgacacgtac	tacgttgtag	ctcacttcca	ctatgtccta	480
tcaataggag	ctgtatttgc	catcatagga	ggcttcattc	actgatttcc	cctatttcca	540
ggctacaccc	tagaccaaac	ctacgccaaa	atccatttca	ctatcatatt	catcggcgta	600
aatctaactt	tcttcccaca	acactttctc	ggcctatccg	gaatgccccg	acgttactcg	660
gactaccccc	atgcatacac	cacatgaaac	atcctatcat	ctgtaggctc	attcatttct	720
ctaacagcag	taatattaat	aattttcatg	atttgagaag	ccttcgcttc	gaagcgaaaa	780
gtcctaatag	tagaagaacc	ctccataaac	ctggagtgac	tatatggatg	ccccccaccc	840
taccacacat	tcgaagaacc	cgtatacata	aaatctagac	aaaaaaggaa	ggaatcgaac	900
cccccaaagc	tggtttcaag	ccaaccccat	ggcctccatg	actttttcaa	aaaaaaaaaa	960
aagagggagg	cccgtctctag	agattccttc	gagggcctcc	aacttacgcg	tggtggcaaa	1020
tattagtt						1028

<210> 3872

<211> 304

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (305)...(67)

<223> similar to gi950115 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3872

attaatcctg	ccacaatatt	tttaattacg	tacaaagatc	tgacatgtca	cccagggacc	60
catttcaccc	aatgctctgt	ttggccgcc	gtcttttgac	tctctcttca	acaatgggtga	120
ggcggatacc	ctttcctccg	ggaagagaaa	tccatggttt	ggtgcccttg	ccaataacca	180
aaatgttgga	aagtcgagtg	gcaaagctgt	tgccattggc	atcttttcacg	tgaaccacgt	240
cataagatcc	agggtgcctc	tatctgctgg	tgatcacacc	aagtcttctc	aggttagcac	300
ctcc						304

<210> 3873
 <211> 335
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(272)
 <223> similar to gi5649170 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3873

ggcacgagcc	caccagacc	tagttcctca	agatggttga	ctccggaggc	cagccccagc	60
tgactcagcc	aggctagctg	accgaggcct	tctagcactt	tctgcgaggc	atgggctaaca	120
tggtctcatc	ctgcatgact	cgcctgtccc	ggtctcgaac	agcctctatg	accagcgcat	180
gatacattga	cggcgaccga	gcccgatata	taaccctgta	ccagagcacc	gagtctggaa	240
ctctttcttc	tgggccacca	gcgctcacgc	atggcggtct	gctgatgaaa	ggccttgggt	300
gccctaaaga	gtgaccacgc	cctcacctcc	cccag			335

<210> 3874
 <211> 1221
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1208)...(1217)
 <223> similar to gi1045251 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3874

tttttttttt	ttggtatttc	tggatggttt	aatcatgaat	ggcggtaggc	agtgtgaagaa	60
aaaagtccct	agagcatgat	aaaccttggg	ttctggcaca	ggataaacct	ttcatttcat	120
ggtgtacatt	tcacaatatt	aaaaaaaccc	cagcctgggt	ttcatgatta	aagccgtggg	180
gaaaggacaa	tgtttccagg	gagcaacgac	tcgcaagcac	acccctggg	gctgtgcggt	240
ggccgtcggc	ggggccagct	tcaaagtcca	accacaagg	cacaggtttt	caaattctta	300
cctctgtgta	caagaacgta	catgaacttt	aaaaacgtgt	gtttcctcgt	ctgtgtttta	360
caccctaacg	atgatcagtt	tgggggagac	gtaccctcc	ctaatacacag	gtaggaccac	420
ttcccaaata	aatgaaacga	ccgtcctctt	ttgtgtcttg	acttcagggt	tccggccgaa	480
cgacggagtc	ttttcctttc	ttgtcgatgc	agtttctcag	cctcctgttg	cttcttctgc	540
tgttcagacc	tctttaacgt	gaatgtcaat	tgtttgctgc	caacgggtgt	gtcggataca	600
ctcaatgtcc	catttttttg	ttcaattttc	aaacgatctt	caaggggttt	gttcatcagt	660

ttctgctttg	tggcagaatc	tttgaagctt	ctaaattctt	ctcctgcttt	gatctcataa	720
aactggggct	ttaggactgt	ctgctgggtc	tccttgagtc	gttcctgccg	cttcactttt	780
tcctcctgct	ggaggagtct	gcgttgcttc	ctgacctctt	caaccaggc	tttttcata	840
tctgaactct	ccgaactttc	tgcatacact	ggttttcctt	ccggctcttc	ctcctcttct	900
ttttcacgaa	gttcttggtg	ctctaagagt	cttagtttct	tcttcctttt	ttcactaatt	960
tttgaacaa	gtggattcag	aagcctaaat	tcttcactct	cttcactctac	ttggaagtca	1020
gggttctcaa	acataacttt	aaatcgatca	tcggtgagaa	tattaggaag	actcttaact	1080
ttctttttcc	atgtagattt	ctgcttctcc	tcttcttctt	caattaattt	aagtgccagc	1140
tctttgttaa	cttttggtgaa	tttctttaac	tggactctct	gtgcacgtgt	ttcttctatg	1200
ttgcgtggta	gcgtatctat	g				1221

<210> 3875

<211> 360

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(22)

<223> similar to gi763431 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3875

ggcacgagta	aacctcttgt	ggaagagcct	cagaatttaa	tcaaacaaaa	ttgtgagctt	60
tttgagcagg	ttggagagta	caaattccag	aatgcgctat	tagttcgta	caccatgata	120
gtacccaag	tgtcaactcc	gactcttgta	taggtctttt	gattcattta	gatttgagtg	180
tatgtaatgt	cttatttatt	agtttttaag	aatatttggt	attgttcttt	atattttgtt	240
ttatgtttct	gataattctt	ttttttataa	taatttatta	ttcattattt	tcctgttctt	300
ttatgatgct	tatgttgatt	ttttttctca	attcttttat	tttttattat	ttttgtgta	360

<210> 3876

<211> 335

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(276)

<223> similar to gil90074 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3876

ggcacgaggg	cctttgtcgg	tcgctacaag	cctgatgagc	agccctaact	gatgccacgc	60
------------	------------	------------	------------	------------	------------	----

catgacgtcc	ctactttgac	catcaacata	ctcctgagcc	gagtcggggt	ggattacgac	120
ggcttacgct	gtcgatatct	gcgctacaac	tgttccatac	gagccccacg	gaaaggctga	180
accctcatgc	gccctggaca	actaacgcat	taccatgagg	ggctactcat	gaccaggggc	240
acccgctaca	tcgcacactc	cttcgtcgaa	ccctaattgg	gcaggcctga	ccctcttgga	300
cctttcatct	ttgccgagca	ccattgccca	gcagg			335

<210> 3877

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (302)...(601)

<223> similar to gi3114596 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3877

gcacgagccc	agctgaaggc	aataagctgg	gctcacgct	gcagcagagt	tctgtgctag	60
ccgggcatag	ggcgagaga	aggcccagag	gcgacgtcag	agagaagcaa	ctgcgccccg	120
gtgaagagaa	gctcgcccat	caccggctgg	gagccagctt	tcagtgaaga	tggcaggggc	180
agaactgttg	cttgactcca	acatctgcct	ctgggtgggc	ctacccatcg	ttatcactct	240
tcgtagacat	gatccgccac	tacgtgtcca	tcctgctgga	gagcgacaag	aagctcacc	300
aggaacaagt	atctgacagg	ggacgaggca	cccacagtcc	ctctcccata	agcctgccaa	360
gaagattgat	gtggcccgtg	taacctttga	cctgtacaag	ctgaaccac	aggacttcat	420
tggctgcctg	aacatgaagg	cgacttttta	tgatacgtac	tccctttcct	atgatctgca	480
ctgctgtggg	gccaaacgca	tcatgaagtg	agcaaattgg	ggtttcctgg	ggacaaggga	540
agctctccac	tgggcccttt	tcagcatgca	agccacgggc	cacgtgctgc	ttcacctcct	600
gttacctgca	gcagctcctc	gatgccacag	aggaagggca	tccccccaag	ggcaaggcct	660
catccctcat	cccgaacctg	ctgaagatac	tgcagtgaag	gcccaagccc	tagctttccc	720
cagtgaagga	ctagactagg	ggccccacgc	tcaactggta	gtggccc		767

<210> 3878

<211> 334

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (12)...(265)

<223> similar to gi5678958 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3878
ggcacgagcg gcacgagcct ttttaagcgca gtgcacactc ataattttaag gccttggtgt      60
gcatggcact gaatgagcag cgtctgccgt cctgactgaa cctcttggtc ctgtccactg      120
cactcttcca gcctctctac caactgtgga gctacttggc acacacatgc tttgagagtg      180
ccctcaacct gctcatgcgc ctgatcatcc tcaagtttag cctccctgta gatctggctg      240
tgcgccagct caaaaacatc atagatgcct tttgatgaca gtgccctaac cccagacaag      300
ctccttggtc agtatggata gatgtgctat tctt                                     334

```

```

<210> 3879
<211> 340
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (150)...(331)
<223> similar to gil890046 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3879
ggcacgagga ttgtgtgggg aaccatgact gtgagtggcc taggtatgct catgtgagaa      60
aaggtagatg ggggtgtatg catcattgcg tgggtggctg tgaggttgta gttgtgtgtg      120
gctttggttg tgcgaagctg tgtgactgca gctgctgctg ggccaaggat ctggcagata      180
tgcataggga aggctctctt cgccagtacc tcctctgccg cctactgctg gggagctgag      240
ctgaggcatg gctggatgta gaggctgac ataatgtaaa agattagccc aagggtgctgt      300
gtgagttcag ggaggccagg gtctcttggt gatgtcctcc                                     340

```

```

<210> 3880
<211> 1420
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1393)...(1214)
<223> similar to gil335892 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3880
cgtagagcaa ctacacaatt agtgcttcat aaaacataga ttgagatact tagcctatca      60
gttttgtcct ctaccttcac ttttcagggt ttaacagctc tagttgcttt catctttttt      120
gtatatctgt ggtatattga aatgactaaa cagtaagttt tgattgagaa ttctaggttg      180
agaaataagt aggctgaatg tagtaattcc agcccttata cattggcttt ctgctcctat      240

```


caggagggttc	ccatgatccc	tcggcccccac	tatgcccac	ctggctgtgt	ctacttcac	300
tgtttgcctc	gagatgactt	gctgcttcgt	cagggtgact	gtgtgtatct	gatgagggat	360
agtcggcgca	cccctgatgg	ccaccgggtc	cgtcagtcct	atcgactgtt	atctcacatt	420
aaccgagata	aacttgacat	ctttcgcatt	gagaagcttt	ggaagaatga	aaaagaggaa	480
cggtttgctt	ttggtcacca	ttatttcctg	ccccacgaaa	cacaccactc	tccatcccgt	540
cggttctatc	ataatgaact	atttcgggtg	ccactctatg	agatcattcc	cttggagggt	600
gtagtgggga	cctgctgtgt	gttggacctt	tatacgattt	gtaaagggag	acccaaagga	660
gtaaaggagc	aagatgtgta	catctgtgat	tatcggtctg	acaagtcagc	acacctgttt	720
tacaagatcc	accggaaccg	ctatcctgtc	tgcaccaaac	cctatgcttt	tgatcacttc	780
cccaagaagc	tcactcccaa	aaaagatttc	tcgcctcatt	acgtcccaga	caactacaag	840
aggaatggag	gacgatcatc	ctggaagtct	gagcgctcaa	agccaccctt	aaaagacttg	900
ggccaggagg	atgatgctct	acccttgatt	gaagagggtc	tagccagtca	agagcaagca	960
gccaatgaga	taccagcctt	ggaggagcca	gaacgggaag	gggccactgc	taacgtcagt	1020
gagggtgaaa	aaaaaacaga	ggaaagtagt	caagaacccc	agtcaacctg	taccctgag	1080
gaacgacggc	ataaccaacg	ggaacgactc	aaccagatct	tgctcaatct	ccttgaaaaa	1140
atccctggaa	aaaatgccat	tgatgtgacc	tacttgctgg	aggaaggatc	aggcaggaaa	1200
ctgcgaaggc	gtactttgtt	tatcccagaa	aacagctttc	gaaagtgacc	ctcaaagaat	1260
gagaacctca	agcatctggg	atccagtgga	gctaatacgt	cctgcctcct	gctctctggg	1320
tatagacagg	ggtgggaagg	gtccatctgg	gcaaggggaa	tggggccatg	ttgttgacat	1380
taggtactta	ataagccttg	gagctagtgg	agagggagag			1420

<210> 3881

<211> 1924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1415)...(1255)

<223> similar to gi4235350 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3881

ttttttccca	agggctttta	tttgggtacc	ccccgggttt	tccccctccc	ccctttttta	60
aaccgccccc	cggaatttta	tttttggggc	ccctaaaaaa	aaatttttct	ttcccacccc	120
cgggccttaa	aattttgttc	ctttaaaggg	cccccccttt	tttttttttt	gaaagctaata	180
gcactgttta	tttgggggat	tggggggaag	caccctgccg	ctgctcactg	gtagccagcc	240
agctgcagga	tgggggtgta	gcaagtacga	tgggccatgc	acttctggcg	gtcgatgaag	300
acactgttgg	tcattggcgt	aacatccttc	tccaggctca	tgtggatgtc	ctcgagggtg	360
caaagggact	gctccccttc	tagaagcttc	tcccacagcg	ctgtgatgga	cttgtacagc	420
tcctccacct	cactcaccag	cttgggggtg	ttgggggggtg	tgagctgggg	ctggggaggg	480
cagaagtatg	cacctactgg	ggtggagggg	acccaaaact	cccaatggga	gctggcagga	540
ggtcctggga	agacgccatg	aaaggatcct	accaggaaag	cggctctagg	gcagagcata	600
aattacgagg	gtcctcccag	ggagcgcggg	cctgagtggg	aatgagtga	ccgcgtgcaa	660
tctcgaccct	gacaggacag	gactggcctc	agccgaccag	gctcagttct	ttccattcct	720
gatatttgac	ggaaggaggc	accagttcc	ttgaaggaa	tgaggggcag	ggaagggaaga	780
aaggtaacta	ggctcagaag	gggcccacca	ggcatccgtt	aacaaggga	acaaaaggac	840
ggcccatcta	tgctgttagc	ccaggcgtag	gtcatacttt	cctccagagg	tggggacagc	900
tccctcaggg	cagcagggaa	tggccctctc	tggcctctct	gtccccgtgg	cctccaggag	960
ctcaccttgt	ctgaaggagc	ttcctcccgg	gaagatgagg	tagcacaggg	tgggggtgaga	1020

ccacgtgggc	acaggtccct	ggcacgggga	ggcccccgac	ccatgacctg	cccagtgtca	1080
tgtctatata	tgtgtgttta	aggcgtgctt	gcatgttgtg	tgtggccgca	gagtctccct	1140
cccctctcag	cacctgtggg	ggatgtgtgt	gtggagattg	gagtgtttat	tggagagggg	1200
cgcagcgagg	aggtggatgg	gggcacctgg	gactgcctca	gaggcccagg	cagtacctga	1260
actgggctgc	atcgccggcac	agctgcatgt	tgggccgggtg	tgagagcagc	tacagccggg	1320
tctgggctat	gtgcagaggt	tcctccttgt	ccttgatggc	ctccttcagt	gccaccacgt	1380
tgtgttcctg	atctgtgatt	tcccgcagca	tctgcagaca	ggacagtgcc	ccttgggcct	1440
gtgcccccat	gccccggcat	atggaatgta	gagaccagtc	tggtcctacc	cagctcctgg	1500
ggctgtgtcc	agaggggtgg	cctgaccagt	ggctctgggg	aggcgtgggt	gaggggaaca	1560
atgtgcacgg	ggcccccagc	gggctctgga	gagtcaggca	gcctgttgtc	tcttagctct	1620
ggtccaagaa	cccccatcct	tggtggtcac	caggacccaa	atcctgctca	aggactgggg	1680
actcagaggt	ggtaaaggcc	atgctgaggg	cctagagtca	gagccctgcc	tgccaggcca	1740
ggactcttgg	ggacctccca	ggcagtcaat	gctccccaga	ccagctcctg	cctccatcct	1800
ccccacagct	cctccttctc	agtcattggg	gttgcaacac	actgcatca	taccagtggt	1860
cacctggttt	tacataggtt	tacggagagg	tgacacttgc	ttctgggggc	cctcgggata	1920
agtg						1924

<210> 3882

<211> 565

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(566)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (344)...(187)

<223> similar to gi4493973 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3882

attacattaa	aataaatttc	actcatttct	ttttattttt	taatgtgtgc	ctgttagatc	60
atttaaaaa	tacnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnattaa	atatatacat	acatacatat	atacatat	acatacatat	atacatat	240
acatacatat	aaacaaaaac	taaaaacaag	ttaaataact	tgtcaagggtc	caggagttaa	300
acctgagaat	gtgtgtctgt	gctcttaacc	agtatactag	ttgttcccaa	tagtggctgc	360
atatcagaat	cacctgtgaa	gtttgttaaa	ctatcagtgt	ctcagcccca	cctctagagt	420
ctgactcagc	aggngacatt	tatcctatag	tacttttagct	gcctgtggag	tgaccttttt	480
aaagggtacta	ctttgcaccc	agaggatttt	cagttgtgtt	gttgacagac	agattgacag	540
tcttggttct	tttgactttt	agtcg				565

<210> 3883

<211> 1209
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(918)
<223> similar to gi203106 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3883
ggcagcagca ggtctctgcc cttcatagac gcataaaggc tatcgtagag gtggctgcaa 60
tgtgtggagt caacatcatc tgtttccagg aagcatggac tatgcccttt gccttctgta 120
cgagagagaa gcttccttgg acagaatttg ctgagtcagc agaggatggg cccaccacca 180
gattctgtca gaagctggcg aagaaccatg acatggtggg ggtgtctccc atcctggaac 240
gagacagcga gcatggggat gttttgtgga atacagccgt ggtgatctcc aattccggag 300
cagtcttggg aaaga'ccagg aaaaaccaca tccccagagt gggtgatttc aacgagtcaa 360
cttactacat ggaggggaaac ctgggccacc ccgtgttcca gacgcagttc ggaaggatcg 420
cgggtgaacat ttgctacggg cggcaccacc ccctcaactg gcttatgtac agcatcaacg 480
gggctgagat catcttcaac ccctcggcca cgataggagc actcagcgag tccctgtggc 540
ccatcgaggc cagaaacgca gccattgcca atcactgctt cacctgcgcc atcaatcgag 600
tgggcaccga gcacttcccg aacgagttta cctcgggaga tggaaagaaa gctcaccagg 660
actttggcta cttttatggc tcgagctatg tggcagcccc tgacagcagc cggactcctg 720
ggctgtcccg tagccgggat ggactgctag ttgctaagct cgacctaaac ctctgccagc 780
aggtgaatga tgtctggaac ttcaagatga cgggcaggta tgagatgtac gcacgggagc 840
tcgccgaagc tgtcaagtcc aactacagcc ccaccatcgt gaaagagtag cgggcttcag 900
tgctgcctt ggggtgagga agacacctct gccccagtggt attagcaagt gtggcaggct 960
taacatgtcc aggttctccc caataacatt gtccagggtgg ttttaaaatt cccaggcagg 1020
gggagagtgg catggggagt gacttcttaa tgggtaaggg gctgcttact tctgggggtat 1080
tggaaatgtt tggggactag gtagaggtga atgtactaaa tgccactgaa tttgtatact 1140
tcagaatgtt tgttatgtaa attttacctc aactaaaaaa aaaaaatgcc caggtaaaaa 1200
aaaaaaaaa 1209

<210> 3884
<211> 1523
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(694)
<223> similar to gi3924670 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3884
cttccgggtgg tggttacaag taacatcaaa ggtcatcttt ttctggcttc ttgtccttta 60
tcttcttcaa gttgctgcaa tagtattatt ctgctccact tctagccac acagcatacc 120

tctgacagag	gtgattgggc	cgatatggct	gatgctgctc	ctgggaactg	tgcattgcca	180
gattgtttcc	acaagaacac	ccaaacctcc	tctaagtaca	gggggtaaaa	gaagaaggaa	240
attaagaaaa	gcagcccatt	tggaagtaca	tagggaagga	gatggttcta	gtaccacaga	300
taacacacaa	gagggagcag	ttcagaacca	cggtaacaag	acctctcaca	gcgttggcac	360
tgtcttcaga	gatctctggc	atgctgcttt	ctttttatca	ggatcaaaga	aagcaaagaa	420
ttcaattgat	aaatcaactg	aaactgacaa	tggctatgta	tccttgatg	ggaagaagac	480
tgttaaaagc	ggtgaagatg	gaatacaaaa	ccatgaacct	cagtgtgaaa	ctattcgacc	540
agaagagaca	gcctggaaca	caggaacact	gaggaatggt	cctagcaaa	atacccaaag	600
gacaataaca	aatgtctctg	atgaagtctc	cagtgaggaa	ggtcctgaaa	caggatactc	660
attacgtcgt	catgtggaca	ggacttctga	aggtgttctt	cggaaataga	agtcacacca	720
ttataagaaa	cattacccta	atgaggacgc	ccctaaatcg	ggtactagtt	gcagctctcg	780
ctgttcaagt	tccagacagg	attctgagag	tgcaaggcca	gaatctgaaa	cagaagatgt	840
gttatgggaa	gacttgttac	attgtgcaga	atgccattca	tcttgtagca	gtgagacaga	900
tgtggaaaat	catcagatta	atccatgtgt	gaaaaaagaa	tatagagatg	acccttttca	960
tcagagtcac	ttgccctggc	tccatagtcc	ccaccagga	ttagaaaaaa	taagtgtctat	1020
agtatgggaa	ggtaatgatt	gtaagaaagc	agacatgtct	gtacttgaaa	tcagtggaat	1080
gataatgaac	agagtgaaca	gccatatacc	aggaatagga	taccagattt	ttggaaatgc	1140
agtctctctc	atactgggtt	taactccatt	tgttttccga	ctttctcaag	ctacagactt	1200
ggaacaactc	acagcacatt	ctgcttcaga	actttatgtg	attgcatttg	gttctaataa	1260
agatgtcata	gttctttcta	tgggtataat	aagttttgtg	gttcgcgtgt	ctcttggtgt	1320
gattttcttt	tttttgctct	gtgtagcaga	agaacttat	aaacaggtgg	gtataatgta	1380
gacttccgaa	taagaatatt	ttatcgtttt	cataatatta	aaagtattcc	tgaagtactt	1440
tattatttca	ttatatcatt	tttaccta	tatttttttt	ttttgctttt	atagtaccta	1500
accaaataaa	atcttaacaa	ttc				1523

<210> 3885

<211> 410

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (183)...(338)

<223> similar to gi5733600 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3885

cggacgcgtg	ggcggacgcg	tgggtgggtca	gcctgtctga	catccagggt	gtgctattaa	60
ccaagaagga	agcagatact	tggaggctta	gatgacttct	gcaggattta	tattcagata	120
gaaagggtaa	actgtttttg	tttgctggca	ggagtaggtg	catatatacc	agcacttcaa	180
gtttgggtatt	tccattcagg	acattttatc	tctgtgcaaa	gaccggagta	taagctgatg	240
agtggatcaa	gatattacgc	tggaaattgt	cacaactaag	aaaacagctc	aaccaagggg	300
aaggcacgat	ccgatctcgg	acgatcatct	ttagatatat	cttatatgcc	aaggaatgct	360
tatggaccat	gagcaaattg	gaaagctctc	cagatgcttg	gataaaattg		410

<210> 3886

<211> 1171
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (325)...(728)
 <223> similar to gi1902984 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3886

gagctggtga	aatcctctga	ctcatagatt	ctcttttgtc	cacagacagt	catctcagga	60
gcagaaagaa	aagagctccc	aaatgctata	tctatttcagg	ggctctcaag	aacaatggaa	120
tatcatcctg	atttagaaaa	tttgatgaa	gatggatata	ctcaattaca	cttcgactct	180
caaagcaata	ccaggatagc	tggtgtttca	gagaaaggat	cgtgtgctgc	atctcctcct	240
tggcgctca	ttgctgtaat	tttggaatc	ctatgcttg	taatactggt	gatagctgtg	300
gtcctgggta	ccatgggggt	tctttccagc	ccttgctctc	ctaattggat	tatatatgag	360
aagagctgtt	atctattcag	catgtcacta	aattcctggg	atggaagtaa	aagacaatgc	420
tggcaactgg	gctctaattct	cctaaagata	gacagctcaa	atgaattggg	atttatagaa	480
aaacaagtgt	cttcccaacc	tgataattca	ttttggatag	gcctttctcg	gccccagact	540
gaggtacat	ggctctggga	ggatggatca	acattctctt	ctaacttatt	tcagatcaga	600
accacagcta	ccaagaaaa	cccatctcca	aattgtgtat	ggattcacgt	gtcagtcatt	660
tatgaccaac	tgtgtagtgt	gccctcatat	agtatttgtg	agaagaagtt	ttcaatgtaa	720
ggggaagggt	ggagaaggag	agagaaatat	gtgaggtagt	aaggaggaca	gaaaacagaa	780
cagaaaagag	taacagctga	ggtcaagata	aatgcagaaa	atgttttagag	agcttgcca	840
actgtaattct	taaccaagaa	attgaaggga	gaggctgtga	tttctgtatt	tgtcgacct	900
caggtaggct	agtattat	ttctagttag	tagatcccta	gacatggaat	cagggcagcc	960
aagcttgagt	ttttattttt	tatttattta	tttttttgag	atagggctct	actttgttac	1020
ccaggctgga	gtgcagtggc	acaatctcga	ctcactgcag	ctatctctcg	cctcagcccc	1080
tcaagtagct	gggactacag	gtgcatgcca	ccatgccagg	ctaatttttg	gtgttttttg	1140
tagagactgg	gttttgccag	cttggtcaac	a			1171

<210> 3887
 <211> 1167
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (758)...(377)
 <223> similar to gi530876 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3887

tttttttttt	ttgattgggt	aaaatatata	caagataatg	ctatactttt	aaaagagaaa	60
aagcacttta	cattgttttag	gtctttggat	ctgcatatgt	ccctgaggta	agtattccag	120
ccatgggaaa	ctgaagcaca	gagaggtagt	cacccaccaa	agctcagggc	tggcctccag	180

agcttgaacc	cttgccctgag	ctgggggtcac	cagcctgggt	gggccacgga	gcgatcatca	240
tttctccatc	tgatcgga	gtcaccac	actctgttct	ggggcccagc	ccgcctggct	300
ccaggcaggc	tcggaggccg	tgctctcctg	gacctgggtgc	atctgggtgc	agccagcact	360
gggcaggaaa	ataccgctgg	agcagtgcc	ggtgcaggac	gtccccacta	cctgcttct	420
cctgggtctg	gagggccacc	atgagccac	aatcccggcc	aggcccaagc	cggtgggtga	480
agtgggcagc	tgtgtctaga	agtaaggcaa	tgaggtaggc	ggcttctctg	ggctctgggt	540
cttccgctag	gtactcttct	aggccgtcga	gcagcagaag	ggagggggct	ggccccgggg	600
cctcatgggc	agagcacagg	agccggaaaa	gctctcgggt	tgaggggtgg	tactggaagc	660
ggatcttctg	gagtcgcatt	gggtctagag	tcgttcgggt	cccgcggggc	atgctttgaa	720
gaggccttcg	tgtcaggaag	aggactgggc	cttggccctc	ccccgcggcc	tctagggccg	780
cagcaaatag	cagcgtgtt	ttccagatc	ctggtgtacc	gagcagcagc	aaaggcggtc	840
cggcggcagg	catgttctcc	tccccggacc	aggccgcacc	gccctgggtt	agcaccgcgc	900
tcagcgtctc	cgccattcgc	cgcgtagctc	tgaccaatcg	gtgggctcgt	tcccagcctt	960
agtcccgccc	aagccgtggc	cgcctcgtag	agatgggggt	tcaccatgtt	gggcgaggct	1020
ggtctcaaac	tcctgacctt	cagatggatc	cgcctgtctt	ggcctcccag	agtgccagga	1080
ttataggcat	gagccactgt	gtctggcctg	tcttcacatc	ttgacagaag	aagatttacc	1140
atagaggaga	atcatggagg	aatgtac				1167

<210> 3888

<211> 352

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (348)...(347)

<223> similar to gi296382 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3888

ggcacgagaa	caaaactagg	cggttgaatg	agaggttcct	aagagtgctg	ggcattttta	60
ttttatgaaa	tactatttaa	agcctcctca	tcccgtgttc	tccttttctt	ctctcccggga	120
ggttgctggy	cccctctcct	tgccacttac	ttccatctct	tcgctccgcc	tctcgcgtct	180
cccctcccga	tccccccacc	tctcttcctg	cttcctctcc	tcattcgtct	ttttcccac	240
ctgcttcgct	actctcttcc	ttctcgtctg	ttctccctcc	tcctctctct	actctctct	300
tcgtcttcca	ccctcgtctt	cgctatatct	cagctctcgg	tccgcgatag	tg	352

<210> 3889

<211> 1634

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1589)...(1068)

<223> similar to gi4103857 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 3889
tttttttttt ttctttgctg ttcacaaact gtacttttatt tttctcaaaa atttttactt 60
atgctttttg tcattatcca cagtgttttt ttttttaaag cctgagccac tttgtggttt 120
tagcctcaat ataataatca tccccttact cttagactaa ttccttttcc cctgtcactt 180
tgctgtata ctctgtaaaa atgaggacct tagaaaatca acatttcctg tgaacttgag 240
agactatata agcagtgcc aaatcagtag gattaggcag gtaaaaccag ttggatagca 300
gatatattat gatctgttgg acaaaggat agttgtgtgc atgtctacaa ggtcatcgtg 360
attcgccatt agcttaagga tcatgtagg taccagggt gaggtaggac tatccacagg 420
attgtgtaaa ttgtggtagg ggatgcagta ttcaatattc atgaattaaa cacttagcta 480
actgctttcc tgaaaatggg ctgtgttcta aaagacaaag atctagggtt tttgctgttt 540
tttactttta cttatgaaga ttcaagtcac taatatgtta cttgctctgg tttaaaatga 600
aagcaactgg ctatggtaag gtagagaaga cagctgaatt gtatcagaat atttaagact 660
tttaaattaa gttctgagtt acctcccctt ataaaaatat atgtcaatat actaaatacc 720
caacaaagat ccaggatgtg ggatatttaa aaatacattt ctcttgatc agcacaaaaa 780
ataccagttt ctgtacaacc cgtgtcaagt ttttaagtat acacacatta aaattatttc 840
tgataaaaaa atcacaaact ccacagaaat aattaaagat atatgcaaat tactttcaaa 900
tacattttga catcaaagtc aggcaattcc cttggaagaa tgttataatg aatgtcactg 960
aatttttgta gtaagatgtt tgacgtcaac tttgattatg ggaatacatc tcacacacag 1020
gaggcactgg tatttagaaa cttaggaaaa ttactagaat tgttaagact gaggtgaaga 1080
atttgtacag ccttccacaa tttcaaagag gtatgtatag atacttgtcc tctgggaat 1140
atcaaagca gtttcttcca agttgttttt cagccctggg ttgacgtaac ggttcatcag 1200
gaggagtctt agggatctct tgctgtctct gttcccagca gcaagatgca aggggggcaa 1260
gaggcctttt gtttgggcat tgatctctgc atcatgctgc agtaagaaaag aagccactct 1320
ggtattattc cacttacaag cactgtgcag gggcgtccag ccacccacag tcatgcatg 1380
aacatcgcc cctgtgcaa tgagctcctg aacaatatct aagtgtccac tgtaggctgc 1440
tcgatgaaga ggggtatact catcttcac cctagtgttc acgtgagtgg ccttttcaga 1500
aagcagctct cgcactgtgg taagctagca tgacactttg cagcttaata tgtgctttca 1560
tgtacattgt ctcatttggt ctcacaatc aagacatagg tatgatggcc ataacagtaa 1620
aggcaggtct tctg 1634
```

<210> 3890

<211> 1468

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (61)...(1433)

<223> similar to gi2854044 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 3890
attcaacctc ccaactggaga gcccctgctg gcaaacgacc ctactcggac agaggaagtt 60
caggatgaca cctggggaga gaccaccacg gccattacag gcacctcgga gcacagcata 120
tcccaagagg acattgccag gatcagcaag gacatggagg acagcgtggg gctggattgc 180
```

aaacgctacc	tgggcctcac	cgtcgcctct	tttcttggac	ttctagtttt	cctcaccctt	240
attgccttca	tccttttacc	tccgatcctg	tggagggatg	agctggagcc	ttgaggcaca	300
at ttgagagg	ggctctttat	ctccatggca	ttcaaactcc	tcattctgct	catagggacc	360
tgggcacttt	ttttccgcaa	gcggagagct	gacatgccac	gggtgtttgt	gtttcgtgcc	420
cttttgttgg	tcctcatctt	tctctttgtg	gtttcctatt	ggctttttta	cggggtccgc	480
at tt tggact	ctcgggaccg	gaattaccag	ggcattgtgc	aatatgcagt	ctcccttgtg	540
gatgccttcc	tcttcatcca	ttacctggcc	atcgctctgc	tggagctcag	gcagctgcag	600
cccatgttca	cgctgcaggt	ggtcgcctcc	accgatggcg	agtcctcgct	ctacagcctg	660
ggacacctga	gtatccagcg	agcagcattg	gtggtcctag	aaaattacta	caaagatttc	720
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atgattgctg	cagctgctcg	gcgcagggac	tcaagccaca	acgagttgta	ttatgaagag	900
gccgaacatg	aacggcgagt	aaagaagcgg	aaagcaaggc	tgggtggttg	agtgggaagag	960
gccttcatcc	acattcagcg	tctccaggct	gaggagcagc	agaaagcccc	aggggaggtg	1020
atggacccta	gggaggccgc	ccaggccatt	ttcccccca	tggccagggc	tctccagaag	1080
tacctgcgca	tcacccggca	gcagaactac	cacagcatgg	agagcatcct	gcagcacctg	1140
gccttctgca	tcaccaacgg	catgaccccc	aaggccttcc	tagaacggta	cctcagtgcg	1200
ggccccaccc	tgcaatatga	caaggaccgc	tggctctcta	cacagtggag	gcttgtcagt	1260
gatgaggctg	tgactaatgg	attacgggat	ggaattgtgt	tcgtccttaa	gtgcttggac	1320
ttcagcctcg	tagtcaatgt	gaagaaaatt	ccattcatca	tactctctga	agagttcata	1380
gaccccaaat	ctcacaaatt	tgtccttcgc	ttacagtctg	agacatccgt	ttaaaagttc	1440
tatatttgtg	gctttattaa	aaaaaaaa				1468

<210> 3891

<211> 2395

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(863)

<223> similar to gi286103 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3891

ttgcctcgaa	gcataaacac	aaacacttta	tctattttaa	catatagtgg	aaaaaatcag	60
gattttctcca	gctttgagga	tactgggaaa	agtagtttag	gggacatgtt	ctcacctatc	120
agagatgatg	ctgtatttaa	caagggaagt	gatgagtcca	taggcaaagg	agatggcttt	180
gactttctac	cgcggttgaa	ctcagtgttt	ccttcaagaa	aaaatccagt	aacttcaagt	240
acttcagcat	tgatttctag	tcctcttaat	gtttttatgg	gatctccagg	gaaagaggaa	300
aatgaaaacc	gtgatctaac	agctgagtct	aagaaaatat	atatgggaaa	acaggaatct	360
aaagactcct	tcaaacagtt	agcaaagtgt	ggcacatctg	gtgctgaaag	tggaaatcta	420
aatacctctc	catcatctaa	ccaaacaaga	aattctgaga	aatttgaaaa	gccagagaat	480
gaaattgaag	cccagttgat	atgtgaaccc	ccaatcaatg	gatcctcaac	tccaaatcca	540
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agcattggaa	ataaccggca	aaatgcacca	ttgacttcca	ttcaaattcg	ttttattcag	660
aacatgatac	aggaaacggt	ggatgacttt	agagaagcat	gccataggga	cattgtgaat	720
ttgcaagtgg	agatgattaa	acagtttcat	atgcaactga	atgaaatgca	ttctttgctg	780
gaaagatact	cagtgaatga	aggtttagtg	gctgaaattg	aaagactacg	agaagaaaac	840
aaaagattac	gggcccactt	ttgaaatttc	agtgaatacc	ttaatgttct	gtaatttggg	900

aagtttctg	caacacagaa	ctacatagaa	tcagtattgt	tttcatggcc	tccaggga	960
aaatgtttt	caagtaagag	taaaagggg	atgggatttt	ataccaacaa	ctgtttcatc	1020
ttaaaaatat	gtatatTTTT	atattaaaaa	ttgtacagta	tgatcatctac	ccaataggaa	1080
agtcaacagg	atcttttatt	tttgaaagct	ttagccatcc	actaagtgcc	ctttttcata	1140
agagaagaaa	attgtgcata	aaaattgggt	atgtttgttt	tttagtcata	ttttttaaca	1200
tatatTTTT	attgacaaat	tgcttttcaa	atTTTTgggg	ctagttgaga	tttaaagagt	1260
ttgatatgcc	ttctattttt	atggagaaag	taatttttaa	atggcaattg	gtgtttctaa	1320
gccattgact	aataaaacat	agggttggct	agtaattatt	ttgttaactt	gatgaagtca	1380
agtatgacta	ttattttatt	tacatttgat	aagacaattt	ttggaatttt	gaattgcaca	1440
aattacatga	tatctttttg	atTTatgtta	ctatatgtta	cttctgacaa	atctttattc	1500
ctgggtggta	tttttaagat	atctttacct	ataaaaaatg	tttaagggtc	ataggactcg	1560
acaagagcta	tctgggtgatt	ttctcattag	taacatgcaa	cgttgtactg	caaaatttca	1620
atcaacatga	caacttataa	tgagtggaga	tttcatatta	ggtactaaat	attatagtat	1680
tattttctatt	ttctttttcc	aaataagaag	cttggtattat	tttatttttg	gggctttatc	1740
attaacttta	attcttttct	tactgggtat	aatattttta	tattattggc	cttaccataa	1800
aattattttag	gaaaggttgt	caaaataagt	tatacctctt	tggaataga	tagatgtata	1860
catctaccta	ctatgatcta	caatttttag	ttaagtgaag	cttggggggg	ctactgactt	1920
ggttaccttc	ttgtctcttg	tcccaaagat	ttaaactatg	tacctttgta	tagctcttct	1980
gccccatttt	gacttctgag	atgaaagtat	tttctaaaat	taaaaaaaaa	aaaacaaaaa	2040
acaaaccttt	agctcactaa	ctttatgggt	ttctgaagtg	atggaaattt	ttagggattt	2100
ttttaataag	cataaaacta	ctaataatta	cttccaaaaa	taaaaacagg	aatattactt	2160
ttaccagtg	tggtttatag	catacatttg	tactgaagca	tatagggatg	ttaatgtgat	2220
cttttctga	cagattatga	aagcattatg	acttgtaaca	agtttccttg	tatatcacta	2280
acaggttttag	aagacataaa	tattagtgtg	ttttgcctac	atgggtgtatt	taaatctatt	2340
aatattttcc	tgttgctttt	ttaaaaaat	aaatacacat	aatgtaaaaa	aaaaa	2395

<210> 3892

<211> 1774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (28)...(884)

<223> similar to gi537433 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3892

cggacgcgtg	ggcggacgcg	cgggagagga	actagaggcg	gaggcggggg	cggaggaact	60
ggagcaggcg	gcagagggga	aggaagtcag	gttccaggcc	tctctgccgc	tgaccaggat	120
cgatgaggaa	gaggctgctg	cagccccgga	ggccgagaca	gagcgggtgg	agggggagga	180
ataggacaag	gaggagacgc	agagagacgg	cgcgagagac	aaggagaggg	atggggaagg	240
acgcccggcc	aaaagccagg	aagaggggaa	gcgcctctat	ggaagggacg	agtttgagga	300
cctcgagtgg	tccgaggagg	tccagaagct	gcaggagcag	cagctgcgca	gcgacctcct	360
ggaccagtac	cgttccctgc	tggtaggagc	gaaccgctcc	cagcgctaca	acctatacct	420
gcagcacaag	atcttcgagg	cgctgcgcaa	aaagaagggc	ctggaggccg	ctgagggtgg	480
tgaccggggc	gcagaggccg	aggcccccca	gaaagagcaa	gcgtacctgc	gccatctggg	540
catgctggag	gagctgaaga	agcagcaggc	agacgacctg	cagtgggtacc	accaggagct	600
gggccagttg	aagcggcagt	gccaggagaa	gctcaccagg	gtggagaagg	agtggcgacg	660
cttcaggca	ctcaagaagc	aggtggtgat	gcaggccatg	ggcagctgtc	ggatgagggg	720

cgggcgccag	gctgctctgc	gagaggtgga	gcagatccag	gcgttggagg	ataaaaagga	780
gaaggagatg	agcgccgtgc	ggctggagaa	cattcagctg	aagcagagcc	tgggtgattt	840
tgaaccagg	atgaggaccc	aggaggacct	gacccagggt	ctgcttctta	ttgactttga	900
acagctgaag	attgagaacc	aaaccttcaa	tgagaaaatt	gaggaacgaa	atgaggaact	960
tttaaaactt	cgcagcaagg	tgaccaacag	tgtgcaagta	ataaccacg	tgaaggaaaa	1020
gctgcacttc	atggacatgg	agaacgcgtg	caaaaagaca	cagctggcag	aaatcgaggc	1080
ccaggccgcc	ctaggaagag	acatcctgac	caagacgaag	caagcccag	aggggctgcg	1140
gacggacaac	atcagactga	atcagaagt	cggccttcta	ggcaaggact	cacttcttcg	1200
ggacttgga	gaaaaggtgg	acaagaccga	actgcttcac	cggcgctgg	aatccctgaa	1260
gcgccaccac	gctagcctca	ctttgtcctg	cagaggcggtg	aggcagaaga	tcaggagggc	1320
caaagccttt	ctcccttctt	gaccagatcg	atgagaagag	tctgcaaac	acttcatcct	1380
caggacgtgc	tgtcctgctt	tattttacct	tcgttgctat	ttaaaaaggc	ctgtgttcat	1440
ttggggacgg	gactcttatt	tttgtattta	ttcttcaaaa	cgtttttagct	tccaaatcag	1500
tgctgagccc	caacccccgg	gttaggagtt	ttatcctggg	attgagcaaa	aatagggtccc	1560
agaaaagcaa	acaaaggtg	atttaagtga	actgacttct	catgaaaaac	tgtcaaaagt	1620
ctcaagtctg	agcaattcta	taatttcagt	gatgtaatac	taaagagtac	tgttcctctt	1680
tcatatgtag	gagggtttaa	aagttcagcg	aatgggcaag	gtacaaaaaa	accctgtgca	1740
ttaagcta	tattaaattc	tttggattta	ttaa			1774

<210> 3893

<211> 1594

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(550)

<223> similar to gi5106930 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3893

cggacgcgtg	gggaaaccgc	tgtgctgtgg	gcgacgcgcc	gagattgatt	caccttcacc	60
tgtgctgcac	tccagctgac	ccaagtagga	agccagacga	gctgtaaaac	atgaacggaa	120
gagtggatta	tttggtcact	gaggaagaga	tcaatcttac	cagaggcccc	tcagggtctg	180
gcttcaacat	cgtcgggtgg	acagatcagc	agtatgtctc	caacgacagt	ggcatctacg	240
tcagccgcat	caaagaaaaat	ggggctgcgg	ccctggatgg	gcggctccag	gaggggtgata	300
agatcctttc	ggtaaatggc	caagacctaa	agaacctgct	gcaccaggat	gctgtagacc	360
tctttcgtaa	tgcaggctat	gctgtgtctc	tgagagtgc	gcacagggtta	caggtgcaga	420
atggacctat	aggacatcga	ggtgaagggg	acccaagtgg	tattcccata	tttatgggtgc	480
tggtgccagt	gtttgccctc	accatggtag	cagcctgggc	tttcatgaga	taccggcaac	540
aactttgaaa	aacttgcctc	ctttcaatac	tcccaatgaa	gatacatttc	actcaccctc	600
cacctctgct	attctgccat	gtctttccct	ctctctgcat	agccagattt	gaagtgactg	660
ataccacccc	caaaccttgc	tgttcacagt	ctccaattct	tcatattcta	atgggaaagt	720
aaaggtattg	tttgaaggaa	aactgaagaa	aagacttggc	ttagaacaaa	tgaggagtta	780
tatattttac	taggactttt	gatagaaatt	cagctacaac	caaagagag	aaagattgag	840
tcttctgtgc	accataggca	ataccttttt	tcttagctgg	catgccataa	aggccagcta	900
tgtgatatta	gaggaagaaa	ggatttttct	ttttaatgat	cttccttggg	aaattattgt	960
ggcctttatt	taattttctaa	ctacgtacct	gggtgcctat	atcgacaaa	agtgagaaga	1020
gcattttttac	tttttttaaaa	aagcaaatac	atatatacac	atacgtatgc	aaatattata	1080
gtataaatagt	gatccctatg	gagaattaaa	ggtgagaaa	ctactttgtg	gtgatctagg	1140

tttctgataa	aagggatgat	cttaactgaa	gaattttaaag	agatacttaa	acagagcaaa	1200
tgtagtagga	acaagggagt	gagccttata	agaggacgtt	cagtctcatt	tattaaaata	1260
ataactgaga	ctgggagagg	tggctcatgc	ctgtaaatcc	cagcactttg	gtagcctgag	1320
gtgggagatt	gcttgagtcc	aggagaccag	cctgggcaac	atggcggggc	ctcatctcta	1380
tttāāāāāā	aaatagāāāā	aaatgtaata	actgaagcaa	ctaattāāāā	atcttagaag	1440
aacaatatatt	attcttataa	cagccaacta	tggggagtta	ttataaggta	aattgccata	1500
atccagcgct	gctcacatct	aaaaaacttt	gaggtgtaaa	ggtaaatcgt	accaatctct	1560
ggggctgccc	tagtgacttt	tttgatacct	caga			1594

<210> 3894
 <211> 628
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (581)...(58)
 <223> similar to gil68455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3894						
tttttttttt	ttgccattca	tttgtttctt	tattcaatcc	ctcgcaccaa	tgcctctctg	60
gcccagcgct	gtgtggggag	ctgggacatg	gggtcatggg	actgccccaa	ccctctggga	120
actcataggc	tggcaggggtg	ggaggaggca	ggcttgtggc	tgtaactgtg	ggtaggagtt	180
tcacgggcat	ctcaggctgg	ccctggaccc	ctggaagggg	ggctgggttt	gggggttaag	240
tggagtccgt	cagggatgag	ggtgggaagg	ggacagcagg	cagaggatgt	ggtgggcagg	300
tggctgaggc	ctggagggac	atggggaggg	gccaggggcc	aggcttacag	ggcttctggg	360
tāāāgctgtg	gagctgagac	tctactgctt	gtgtggagct	aggagaggtc	ttgaccatgg	420
atggtgggta	gctctgagct	ctgggcaggt	ggacgggtgt	ggggggacaa	gtggcagtgc	480
ggagtcaagc	agagggttgg	caaggccagc	tcgttccctt	gggcctgacc	cctctgctct	540
ccgaagccac	gagggcaggg	cagggtgatg	gtgcactggg	tcacctcctg	ccaatcaaac	600
tgtccttttc	cccttcagta	ttgaaggg				628

<210> 3895
 <211> 1088
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (998)...(735)
 <223> similar to gi535682 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3895
tttttttttt ttggtcatac cactttttatt tatattgtta tctatgttac attgtttatt    60
caatatagaa aaaatatgaa tacattcata gtattctctt ttaatttggt aattccacat    120
tgtcaaatat tgactgtttt tatattgggt gtcctaccca attaaaaaaa aaagaggaag    180
aatgacctgg cagacagttc ttgttgtgcc atgttattga tataacagca atatcatata    240
tgtctctttt tttaaaccac tagttttgaa aagaccaatg attaaactac tgtttactgg    300
ctcagggaaa tgttttaaga aatagaaatt aattcattct ttccccaaga aaaactttaa    360
ggtaaaccatc ttaaaacacc taagtgatga aggagaaaat ttgtattcct taaaaagggg    420
tcagtgtctga aagaaaattg catggtagac cccactgcac aacggttctg caccaaaaga    480
aaaaatgagga ccatattaac ataattatgt tggagagaag aaaaaccac acttagaagt    540
caggtttctt ttaaaactcc ttgttataaa tagaatcaat gattatatct cagacataat    600
aatgggtcaa actcacaaaa tcagtgtctac aaaatacagt atttttccat cacttttagt    660
tgtaatgtac actatgtaca gaaagataat actacctatt taaactaaa tatagatgaa    720
caaacagcgt taaaaaccag aatcaggggt tataaatagt gcagaaaatg caaacgccaa    780
aaaaacgatg cctcctatga ttgtcacagt tctgacagag attttctgtg ctatcattct    840
tcctccaatt actgccaatc ccgtgcacag gcagtgcacc acagttccac ccacggctac    900
accatagggg tcctggaagc aagcgtcaca gcattaattc aaaaccaagg tgacaactgc    960
tgcttgagaa ccataacaat tcagaagcac taaaaatggg ggccaacaat taaaaagcat   1020
aatagttata aaaatgcagg tgtgtaataa atttatgaaa ggtgcggacg cgtgggcgga   1080
cgcgtaggg                                     1088

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<210> 3896

<211> 1733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (276)...(1241)

<223> similar to gi2224579 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3896
aggagctgga gagctacaca ggagtgggga ggaggaggag ccacgcgttc cagtatatgc    60
tttaatcaag tgggccctta tatcaaacc agattgttct ctgaaatcca gggagggtgaa    120
gtgacttgct tagggtcatt ctgtaagcta gtatagcaca gaatgggttt ccctccctg    180
atcctagcag ttgtaggctg caatgctgtt ccgtatcagg aactgcccaa ggttgaaaca    240
gttcagccct gaagggccta gttatgggtg aagcagcaac tgactccagg aaaggaatgg    300
cattttgttc tgtaacatag ccatgttggt caaccctaca ggaggtgtta aatcactctg    360
accatcacc tatccttttt ctttcaaacc tggttgaggg aacctacact tttcacctga    420
aagtgaccga tgcaaagggg gagagtgaca cagaccggac cactgtggag gtgaaacctg    480
atcccaggaa aaacaacctg gtggagatca tcttgatat caacgtcagt cagctaactg    540
agaggctgaa ggggatgttc atccgccaga ttggggctct cctgggggtg ctggattccg    600
acatcattgt gcaaaagatt cagccgtaca cggagcagag caccaaatg gtattttttg    660
ttcaaaacga gcctccccac cagatcttca aaggccatga ggtggcagcg atgctcaaga    720
gtgagctgcg gaagcaaaag gcagactttt tgatattcag agccttggaa gtcaaacctg    780
tcacatgtca gctgaactgt tccgaccatg gccactgtga ctcgttcacc aaacgctgta    840
tctgtgacct tttttggatg gagaatttca tcaaggtgca gctgagggat ggagacagca    900
actgtgagtg gagcgtgtta tatgttatca ttgctacctt tgtcattgtt gttgccttgg    960

```

gaatcctgtc	ttggactgtg	atctgttgtt	gtaagaggca	aaaaggaaaa	cccaagagga	1020
aaagcaagta	caagatcctg	gatgccacgg	atcaggaaag	cctggagctg	aagccaacct	1080
cccagcagg	catcaaacag	aaaggccttt	tgctaagtag	cagcctgatg	cactccgagt	1140
cagagctgga	cagcgacgat	gccatcttta	catggccaga	ccgagagaag	ggcaaactcc	1200
tgcattgtca	gaatggctct	gtacccaacg	ggcagacccc	tctgaaggcc	aggagcccgc	1260
gggaggagat	cctgtageca	cctggtctgt	ctcctcaggg	cagggcccag	cacactgccc	1320
ggccagtcct	cctacctccc	gagtctgcgg	gcagctgctg	tcccagcatc	tgctggtcac	1380
ttcgccctga	cagtcccaac	cagaacctct	gggacttgaa	tccagagacg	tcctccagga	1440
acccctcaac	gaagctgtga	atgaagaggt	ttcctcttta	aacctgtctg	gtgggcccc	1500
agatatcctc	acctcagggc	ctcctttttt	tgcaaaactc	tccccctccc	cgagggcaga	1560
cccagccagc	tgctaagctc	tgacgtctcc	cagtggaacg	tgctattgtg	cccagagtgc	1620
tgcaagggtg	ggcctgctgt	ggttgcccgc	acacctgagt	gcaaaaacca	gcactgtggg	1680
catggtgttt	ccctctctgg	ggtagagtac	gccctctcgc	tgggcaaaga	gga	1733

<210> 3897

<211> 1968

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(284)

<223> similar to gill177607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3897

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acgatcttgg	ctcactgcaa	cctctgcttc	ccgggttcaa	gcagtttcc	gcttcagact	120
tccaagtagc	tggtgattaca	gacatgccac	catgccaggc	taattttttt	aatattttta	180
gtagagatgg	ggtttcacca	ttttggccat	tctagtcttg	aactcctgac	ctcagggtgat	240
ctgcccgcct	tggtctccca	aagtgtctgac	attacaggcc	tgagccactg	cgcccagcca	300
ataccatgag	ttttaagcct	cacatcgta	cttgctgtca	ctgccagtgc	ctgttttatt	360
catattgctg	gacaacagac	atatgccacc	aattgtatga	ttaataaagt	ctttttctgg	420
ccattttgtc	cattataaag	gaaataaact	aattgttaac	ttgcatagat	tacttcttag	480
tttccctatg	taccaccact	gccaggggag	aaaaaaatac	atcattttgt	aatgtcttta	540
gtattttctt	ataactagt	tttaagggtt	gttaatttta	ttgtatacat	ttgtaacatt	600
tattaggagc	cttttaggtt	ccaaaacaaa	caaaaaggcat	aaaaaagtct	agcttagaac	660
cactttttcac	ttgctttcat	ttttaatttt	attcacttaa	cagctaacat	ctttcttgtt	720
tcttggtttt	tccattatat	ggttatcgat	tcaactcttg	ctatatccct	ttaaatttga	780
tgtatcatca	gaagaaagag	atgaacaatt	tagtgtagat	attttattct	ggagaataat	840
attcaattaa	attattttcta	cagcaggcca	gtaacaacta	gattatttgt	cctttctcag	900
tataatttta	aagagcattt	tgttttattg	tcacaatttg	gtaccactag	tcccaggtaa	960
ccattggggc	aaaggatcag	ttgagaaaca	gttaaggatg	aattagcata	agttatggaa	1020
cagtgttaga	aaacaactca	aaagtatat	ctttattaat	gaggtgggtc	ttattacatt	1080
tgtgtcaatg	aagggcagtg	tagttatttt	aaaatgacta	atattttctc	cccaaataca	1140
gaataattca	gatgggcaac	caagttttca	agagactgct	gtaggtgaag	tctgtctagc	1200
caaggcagaa	cacttacagg	agtccctaac	tgtgccaccc	ttggaatggg	ttagtgtaca	1260
ggctcagaat	attgtggatt	acagtttttc	agagaaaact	accacagatg	tagacaaaaa	1320
tgatctctga	aagcattgcc	agcagccagg	tatgttcctt	agatttccac	ttaggttttg	1380
cattttggca	gataagctaa	tcttgataaa	agcatcacat	tttactatgc	ttagtgttcc	1440

tggtgtgtat	ttatctacat	tattagaggg	aatttttatt	ttaaaaaat	tgtcattcat	1500
gagaagaatg	ggagttcatg	ccacatagta	ttttaccaat	ttatataaag	tgggaaaagt	1560
ctttaatact	tcatgatcac	ttgaattaaa	gtttttgtat	ctctggaaag	tagaatagtg	1620
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gatttatata	cagaccattt	cagaggaagt	taaatgtctt	acaaatccaa	tactttctaa	1740
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gtcatctcga	ctaattctga	ggcaatgatg	gacagagatg	ctacttctta	tttaactcta	1860
ggcatgttga	cttttcaaag	cggtttcctt	atttctaaac	agagatgatg	atcaatgagt	1920
tactaattct	ttagaggaaa	aaatgcataa	tttgagtgtg	gaagtgat		1968

<210> 3898

<211> 5214

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5215)...(352)

<223> similar to gi37231 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3898						
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aaaagcaggt	ctgtagtttg	taaccatgac	aattaaaatc	tgtgctaata	cacggcagtc	120
tataacaatt	ctacaagcca	atcagacagt	acgtgacatt	tcaatgagta	aaaaagagca	180
taaaactgta	tgtgtaagaa	caaaatgtta	aaaggcctac	cacaataata	aaaaaccgtc	240
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aggacaacac	aagatatttg	ttgaaaaatg	tttgtgctct	ttgggcactt	aattaaacat	360
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cacatctgaa	tctgatcaa	aagatgtctt	cttcggtttc	ttgcttggtg	ttttggatgt	540
tttctgcca	gggttataat	cgccttcatt	ttcagagcca	gatgctttcc	ttttctttgc	600
ccctcgccct	ttaccttttg	gtgtttagt	cttctttgga	atgccaaatt	ctgaatccga	660
gtcagagtgt	acagcctcta	ctactttctt	ctgttttggg	gctctcttgg	gcttagggac	720
tgtatctgaa	gacggttttc	ccttttttagc	agctaccgtt	ttacttgga	ctttatctgt	780
ctgtttcaga	ccaaatgatg	gtgaaaaaac	agaagcagaa	tcttcttcat	tactgtcaaa	840
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atcctgactt	tttttgtcat	gcaaagattt	ttctggagtg	gcttttgatt	tgcttggtga	960
aaatgtatat	tcactctttat	ctaaccctac	tgaagggaaca	aattcatctt	ccccatcatt	1020
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tttaccagat	gatgtagggt	tttttctcac	tctggtacca	ggctccttct	tctcctctct	1320
aggtttgagg	cctttattta	taggaactga	tggagtcaat	gcctcttctc	ctgcaccttc	1380
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acccttcttc	ttcttcagca	actttttgct	ggcatctgcc	ttcatagctg	taatttcagg	1500
aattattctt	ctgccataag	gtgagggcat	tgtctcttcc	aactggaggt	tcttcacctt	1560
aggtttgcca	actttacctt	taattgcttt	tccagacatt	ccagccagaa	catcttctcg	1620
ttcttgagat	tccactttat	ccagttcttc	aacaaatgcc	gctaaatcct	ctttccaaag	1680

atctgaagga	gattttcttt	taagatcatt	gacctctcgc	ccttttgcat	ctctctgttt	1740
aatcagttct	tcaacttttt	ctttagtaag	agaccacaga	gacataattt	aaatataatt	1800
aaaatctggg	cctgaaggag	ttcctgaatc	ggaggaacta	tcatcatgct	ggttttgtgt	1860
ttcatcctct	tctgctgcct	tttcttgctg	ttctttccag	gctttcactg	ggtcagattc	1920
ataacctctc	tggactaaca	tttgaatcaa	atctttcttt	gacctattct	atatagtaat	1980
tttcccttgt	atcttctcta	aaatgaaacg	ggcttgattg	ttaagcttcg	taaattctgc	2040
tcccaacatt	cccacaagcc	actccttacg	taacccgtaa	taacttaatc	gtaaatcaaa	2100
gaattctttc	agaatgtctt	gcacagtttc	atattttctt	agacatccca	tatgatcaaa	2160
aagtaccatg	gaattacaag	taagagtagt	ttgaagttta	aaaactttat	gcagtccagc	2220
agcttctgct	tgtgctagtt	tctcttcagt	cattttcacc	acaaatttca	cagttgtgtc	2280
agtatgatat	tctttataat	cagaaattaa	tgtctggtgt	ttatctgttc	catttagcat	2340
aggttctaaa	acctgttctt	tatataacct	tgtccaagtt	ctaactggaa	gctctgtaat	2400
ttctactgtg	tttctgtcca	ctacaaatat	ttcaccactg	actgcatact	ggttttgacc	2460
aagttcttga	atcgtgcctt	taaagttttt	gtagtttgga	agcatgggat	gaggatccag	2520
gccatctagc	attcgtctga	cattgttcac	aattttcccta	gcatcatagt	tgggtagttt	2580
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atTTTTgttg gcagtttctg acttttcttt ttttgcagca ttgttcaccc aggtcagtg 5160
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<210> 3899

<211> 1821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1823)...(602)

<223> similar to gi487783 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3899

```

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gcagctgagt ctgggtcttt tatgggtcga gaatagggga atacacgttg actgatttgt 180
aagtatgcaa aggcaccact caaaagggtg gcacagcagt gtaaaaacca attaggaaag 240
ggcaggtata cgtaaaatag gtgaagggtt gggatcaatc ggaggaaagc acaccaaagt 300
ggaagacagg ttctcaattc agtatgagga tttagccggg actgtcttca gctttaaggt 360
tggttttcac caggtaccca cccctatctg cctgggcatt tgactgctc ctgccactat 420
cattacctga cgggttttcc acaaccacc atccacagt aggaaggga gggctcctga 480
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```


<210> 3900
 <211> 2507
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (80)...(1636)
 <223> similar to gi56312 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3900

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gtggccgctc	cctgggccgt	aggaaatgag	cgataacgat	gacatcgagg	tggagagcga	180
cgctgacaaa	cgggctcatc	ataatgcact	ggaacgaaaa	cgtagggacc	acatcaaaga	240
cagctttcac	agtttgccgg	actcagtcct	atcactccaa	ggagagaagg	tccagtcag	300
gtgcagcagc	aaggagaaca	ttctcagagc	cagtcacagt	gctgtcgata	tcaccaaggt	360
ggctagaaga	catcgcatgt	ctccttttcc	tctgacatct	atggacaaag	cctttatcac	420
agtcctggag	atgactccgg	tgcttgggac	agaaatcatc	aattaccgag	atggaatggg	480
gcgagtcctt	gctcaagatg	tatatgcaaa	agacaattta	cccccttcc	cagcatcagt	540
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2507

<210> 3901
<211> 1171
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1164)...(251)
<223> similar to gi4455015 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3901
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acatgcacat taaaaccaac aggtgcaaac tacaacaatg catataatta tacaatgat 180
gccactctgt gatgtttaca ggattgctgt ccatgcaagg tgatcatagg cattatttat 240
gaagccttaa gatccagaag tgttggtact accaaacctc tgattaacac tgtgaagtaa 300
gtgttttggg aggcagttcc atgagttggc taacatttct ttaaagcaaa tgactgcttc 360
taagcttagc cgtacaagag attttggttg aactgaaaat attagtattt cattactgtg 420
tgcagctctg tgatggacaa gcaagttggt ggacatcca ccaaaaacaa ttacttctcc 480
ttcatcgctg gcacaagctg tgtgccataa ccttggtttt tcggtatatg gatgattaaa 540
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agtgttaa at cctccaaaga gaaaaagatg atctgaagaa actggtgtta gtgagtgcc 660
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ttccactgt aacactctgt ctgctcgtgc c 1171

<210> 3902
<211> 1287
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (519)...(688)
<223> similar to gi4589526 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3902

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acgcagtggg	ataagttgaa	aaccctctca	cgggtcccagg	gagggagaag	gaaggcatgc	180
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ctgagaaaga	tactgcagct	gttgtctcca	gacagggcag	ctccctgaac	ctctttgaag	300
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gaaagatgta	aatcagcaga	aaaaaaacac	cgagacgttt	ctgtgacttc	actttcacct	780
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caattaatct	tttactgtac	attcccaagg	ctttagtttt	aaatgccact	gtgcctttaa	960
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aaatgagaaa	aggaccatgc	gattggtgct	gtgttacata	cacatacttt	cttggcttct	1200
gagtagctca	ggtgtggctt	ttggctgcag	atgttaaatt	ttgataccat	gtaaacctac	1260
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<210> 3903

<211> 2055

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2056)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2055)...(1179)

<223> similar to gi733602 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3903

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cgtttggtgc	caaaagtggg	cacatccaaa	ctaataatcag	tataaaaata	aatttttcaag	180
ctatgtgttt	ttaaaataaa	ggtcattgaa	acagtaaggg	ggaaaaaatc	tgcattctggc	240
atgtgttgaa	atgcaatcat	catcacagca	aagcagccct	ggggcaacaa	aaccagtgcc	300
tgctggaaga	actgtcccca	cgcgctcttg	caagaaccca	agcaaacaaa	caaaaaaaca	360

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acagtcactc	caaggcttga	accatagaat	gtgctggaaa	aggcgacatg	aagtggaaact	1980
tganccgacg	cgtggcgcnac	gcgtagtctt	cgggtntntc	nagcctgggt	aggcccccca	2040
gnnttnntcc	cgcac					2055

<210> 3904

<211> 3211

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(3213)

<223> similar to gi3168991 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3904

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ccgggctgtg	gcaggcctgg	agggcacctc	ccagcaggcc	ctgcagagga	gccgcatggt	420
gaggaggacc	tttgccagca	gccttgccgc	gggtgaggagg	aaagccccgt	gctcccagat	480

caagctgcag	atggatgcgc	tgaccagcat	gatcaaaaagg	tcccggctgc	actttatcca	540
ctgcctggta	ccaaaccctg	tggtggaaag	caggagtggg	caggaatctc	caccaccacc	600
gcagcctggt	agagacaagc	ctggggcagg	tggacctctg	gccctggata	tcccagcact	660
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ggaagagctg	gtgcagcggg	aggcagaggc	cagccggcgg	tgcatggagc	tgtcttggtc	3180
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<210> 3905

<211> 2531

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (8)...(1824)
 <223> similar to gi3393022 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3905

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attctcctac	atgggaacca	aagataaaag	ggctataaca	gttcaagaaa	ttgctgttct	180
caaaataact	gcacaaagac	ttgcccacct	gaataagtgc	ttgatgaact	ttaagctagg	240
gaatttcagc	tatcaaaaaa	accactgaa	attgggagag	cttcaaggaa	accacttcac	300
tgttggtctc	agaaatataa	caggaactga	tgaccaagta	cagcaagcta	tgaactctct	360
caaggagatt	ggatttatta	actactatgg	aatgcaaaga	tttggaaacca	cagctgtccc	420
tacgtatcag	gttgggaagag	ctatactaca	aaattcctgg	acagaagtca	tggatttaat	480
attgaaaccc	cgctctggag	ctgaaaaggg	ctacttgggt	aaatgcagag	aagaatgggc	540
aaagacccaa	gacccaactg	ctgccctcag	aaaactacct	gtcaaaaggt	gtgtggaagg	600
gcagctgctt	cgaggacttt	caaaatatgg	aatgaagaat	atagtctctg	catttggcat	660
aatacccaga	aataatcgct	taatgtatat	tcatagctac	caaagctatg	tgtggaataa	720
catggtaagc	aagaggatag	aagactatgg	actaaaacct	gttccagggg	acctcgttct	780
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taccagtatc	aagaaccaga	cgcagctgaa	tacaacctgg	cttcgctgag	cagtaccttg	1260
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tagttcagac	tcatatatgg	atttcaaate	tttgtaataa	aaattatttg	tatttttaag	1380
tttttattag	cttaaagaaa	taatttgcaa	tatttgtaca	tgtacacaaa	tcctgagggt	1440
cttaatttta	gctcagaata	taaattagtc	aaaatacact	tcagggtgctt	aaatcagagt	1500
aaaatgtcag	ctttacaata	ataaaaaaag	gactttgggt	taaagtagca	ggtttagggt	1560
ttgtacatt	ctcaaaaagac	agcaggagta	tttgacacat	ctgtgatgga	gtatacaaca	1620
atgcatttta	agagcaaatg	caacaaaaca	aatctggact	atggataaat	aatttgagag	1680
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atttataaac	aaaaagtgat	gttcattatc	ctgcttatgt	actagattca	ggcaagcatt	1800
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gcattgatag	gccattttta	tttttttatt	ttttttttcg	agacaggatc	tcactctgta	1920
gcacaggctg	gattgcagtg	caatcctgca	attctcaatc	ttgcactgca	gcctcgacct	1980
cccaggctcc	agtgactctc	ccacctcagc	ctcctaagta	gctgggagta	caggcgcgca	2040
ccaccacgcc	tagctgattt	ttgtattttt	ttgtaaagac	gggggtttgg	ccatggtgccc	2100
gaggctaact	cctgggatta	caggcatgag	ctgtgctggc	cgggtttttt	tttcttgatg	2160
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atatcaaaat	g					2531

<210> 3906
 <211> 2778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(927)
 <223> similar to gi4176376 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3906

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ggatcatata	gcccagaaga	ctattttcagt	ctgttaaact	tcattgccct	aaatgtcatt	180
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aaaccccaga	tgtcaagcta	caaaatacat	cattatatga	ttcaaaaatc	tggaccacta	300
aaaatcaaaa	aggacgaaaa	gtagcagttc	attttgtgaa	aaataatggt	attctcccgc	360
tttcaaatga	atgtctactt	ttgatagaag	gaggtacact	cagtgaat	tgcaaaactct	420
cgaacaagtt	taatagtgtg	attcctgtga	gatctggcca	cgaagacctg	gaacttttgg	480
acctttcagc	accatttctt	atacaaggaa	cagtacatca	ctatggatgt	aaacagtggt	540
ctacttagag	atccatacaa	aatctaaatt	ccctggttga	taaaacatcg	tggattcctt	600
cttctgtggc	agaagcactg	ggtattgtac	ccctccaata	tgtgtttgtt	atgaccttta	660
cacttgatga	tggaacagga	gtactagaag	cctatctcat	ggattctgac	aaattcttcc	720
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ccacagttgc	agaagatgta	atctaata	gccatccaat	ttagcataca	taaaatggtg	960
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taaattctag	ttcctgagta	cattaacaca	tcttctttac	ctaactacca	atgtccccca	2160
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ccagagagga	gaatttttatt	tctggagcaa	caactaaatg	gtagttcatt	gtgccccaat	2700
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caaatttaag	aaagaagg					2778

<210> 3907

<211> /1671

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1586)...(536)

<223> similar to gi5281316 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3907

tttttttttt	ttctcgggaa	actggtttta	taaggacaat	tccagagggg	cctggctgtg	60
gccaaaagctg	tgccaaaacg	ttgggatcca	gagctaaagg	cacttcttgc	cacgtgagac	120
catgggagag	gctccccacg	ctatctccac	caccacagtc	atgagagcca	agcgagactg	180
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gccaggggat	accctttggg	gatgtcccta	acccctcagg	accagaggca	gcaccaagca	360
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tagtccagaa	tctctgtctc	catttcgttt	tactgcccgt	cgatgggctt	gaagtcctcc	600
tcctcctctt	cctcctcctc	ctcatcctcc	tcgtcttccc	cagactcgta	cgtcagctgc	660
tcttttccgc	catcagcctt	ggctgagctg	gaaaagagag	caggcctctt	ggagcggatg	720
gtctgccgga	tcatgaggga	catggtgtcc	ctgagctcgt	cgctggtctt	ggggaggcac	780
cacctatccc	gttctgtgca	ggaattctct	gccccgtcat	tgcggtgaat	gatcttctgc	840
aactcttcca	cattcaagtc	gcataactgg	tagaacatct	gccgataggg	tggcaaggcc	900
ccttcccga	agatgtagac	agagtccctc	agtgtctgaa	ggctgacctt	gagcttgtac	960
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gaccagatgg	gacggatgtc	aaacagcttc	ctcagctcct	cctccacctt	ccggtccacg	1380
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tcctcatcct	caaagttgac	aaagatggca	ttgtgggggc	gccgggctct	gctcaggcca	1500
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tccccgggct	cagcaagacg	cgagggcctc	cagggagcaa	atggcccatg	ggaggggcca	1620
tgtcttcggg	aaaacgacca	ccgtgtcctc	gactttttat	ttaaaattaa	g	1671

<210> 3908
 <211> 890
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (890)...(294)
 <223> similar to gi4456991 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3908
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 gagaacaaag tgcaaggggc cagtgagtct ggacacactc caaaggctac agagggtttt 120
 atgccctgag ccttgggttc tctccaagcc acaaggggtt tcataccctg ggtttagatt 180
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 aacgagccct gcctcagctc ttctgccaac atgtctccct tttttgtcct gcaaaaccgc 360
 cacagctatc attgcttgtt cttggcagcg gctttctctc cagaagcggc ttccgcatct 420
 gtagattaaa aggagacagc acaagcacat aattattaga acaaaattta caagtgtaga 480
 gtttccagtg gtcttaatcc atttaagaga attgattgca gacaacccat tggctgcctc 540
 gctgaaaata tcagttccag ggagcaggtt taagttagcc tgagaggctt caaaaacctg 600
 ctcttttact ttacaatat caaggggtgag attttcctct ctgccacta gatggcattt 660
 aatttcccat tgggtgtctg ttctattcta actatgagga gtaacgcaa aatcggtatg 720
 attccagtca cattgcattt gaattctagt ttctaaactt atgatgcaat ccccatcca 780
 aattactgtc tgaggggagat cattaatttg actaactata ttttgatctg tttgggcctg 840
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<210> 3909
 <211> 403
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (12)...(205)
 <223> similar to gi2661037 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3909
 cggacgcgtc ggacgcgtgg gttacagaga aaggaaatac tgtgttagaa tttttagtag 60

gactctttaa	accttttgtg	gaaagctatc	aggcaaattg	aagaaggaga	gagagtgact	120
aatacgatca	gtgatttcac	ctcaccagt	agaccttgct	ccccgcattc	aggaggaagc	180
ttggttcatt	acagacccaa	gaggacaaca	gcttagtgat	gccatgggtca	cagtattcac	240
aggaccacag	ttacacccac	gcatcatctg	tcatactgtg	tctcatgtct	taacgaggcc	300
ttcatgtcag	tcaatatgta	acctcgaggt	ttgatatata	tcaggcactc	agtaaaggca	360
agacttgagt	gatacataaa	gtcagttaca	gattaccaga	tn		403

<210> 3910

<211> 3202

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2146)...(3113)

<223> similar to gi3882179 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3910

tttttttttt	ttgagataat	taggtaagaa	gattttattgt	ttacccttgc	agtgtttatg	60
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cattttggag	aactgatttt	gattcttaaa	atgtgtcttt	ttgcaacata	tgctctgggt	180
acctataaat	acattttattt	tggcccttga	aaacattcac	atcctattct	ttgttagcct	240
tatttttcca	gtccttggtta	actctctcag	tgctggataa	taaacctgca	tttcttttaa	300
aacattttgt	cagtttcggc	atcagtgtct	tccccagca	ctcccttaat	ctaaattagt	360
aacatttttac	tgtatgaaaa	atagttgctg	ttaactaaaa	attcaatagg	tgagttagac	420
atggcttttc	aagtaggatt	ttcagtggtt	tcagattcca	tcatacacia	gtgtatgttt	480
tttctgtgta	agttttttcc	gtgtaagttt	tttccgtgct	caaccgtaag	tgctcaacca	540
tcttctcccc	acttttagtct	gctatgtcaa	aaaactgcat	caagcttttg	tgtgaagatc	600
ctgttttcgc	agaatatatt	aaatgtatcc	taatggatga	aagaactttt	ttaaacaaca	660
acattgtcta	cacgttcatt	acacatttcc	ttctaaaggt	acgtagtact	ttggaaactc	720
agtgtgtcat	ttccaattag	ttaatgcttg	tggtttcatt	atgctggtct	tttgagatt	780
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gttttaaaata	cacgtttact	atgccttgta	tgtacacagc	acactctatc	accttggaag	1140
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ctctagttag	gtatattttt	ggaaacaata	cttgatgatg	ttctattact	gcctatggct	1260
cctatgtaac	tgaaacaatt	aatgatctac	tgatttaaaa	aaggcagtta	aatctagagc	1320
attagttgcc	ttgtgcagac	tcccatgaca	gccatgtcct	agaataatgg	aacactctgg	1380
aaatgggcta	gaatgttgag	cagcagcctc	ccaaatcaca	gtatgcataa	aagccaaaac	1440
agatgacaga	gctcagtaag	gaagacctta	ctatttgtga	catccatcag	aatttttaact	1500
tgagaaactg	atttcaagggt	ttgtttttta	aattcttata	tttccctttc	catttttcag	1560
aaaacactat	ttcaggcttt	ggtctgactt	actggttcgt	gggcataaaa	taatgctatt	1620
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atggtgaaac	cctgtctcta	ctaaaataga	aaaaattaag	ccaggcgtgg	tggcggggcg	1800
ctgtagtccc	agctacttgg	gaggctgagg	gaggggaatc	gcttgaaccc	gggtggtgga	1860

ggttgcagcg	agccgagatt	acaccactgc	actccagcct	tgccaaagaa	caagactcca	1920
tctcaaaaaa	aacaaaaaca	aaacaaaaaa	aaaaacaact	aatgaaatgc	tgtagtattct	1980
taacactggc	tttctggttt	tatcattcta	agaatcccag	agaaaccagg	gtattcttag	2040
gaaagaatgg	attcctggga	aaataaacat	ctgcaattaa	ctgtaaacia	ctgcatcaaa	2100
gtgttggtct	tagaatttga	aatgttccta	tctgggtttt	tgtaggacct	gagggcactc	2160
gctttgtctc	tgtcagtaca	caactccaaa	cagttaaacc	cagctctaata	tccaactctg	2220
caagagcttt	taagcaaatg	caggacttgt	ctgcaacaga	gaaactcact	ccaagagcaa	2280
gaagccaaag	aaagaaaaac	taaagcgtaa	gctttatgga	ctactatcat	tacctttagg	2340
gtgggaggag	ggagtaatac	acttggtgta	actggtttaa	gagttgtgtg	ttcagctgaa	2400
cctcctaaat	ataaatgcta	gaaacaaaat	taacttccca	catccccccc	taacgtgatc	2460
ttaatgactt	tcagagaagt	ttcccttttg	gcatgtgttt	tcacagatga	tgaaggagca	2520
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agtgcacatga	aaacagaaac	cagggagggtc	ctgaccccaa	cgagcacttc	tgacaatgag	2640
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ctctttagtc	atcagcaga	acatgacatt	ttagataccc	tgtgtaggac	cattgaatct	3060
acaatccatg	tcgtcacaa	gatatctggc	aaaggaaacc	aagctgcttc	ttgacattag	3120
gtgtagcatg	tctactttta	agtccctcac	ccccaacccc	catgctgttt	gtataagttt	3180
tgcttatttg	tttttgtgct	tc				3202

<210> 3911

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (810)...(499)

<223> similar to gi5734705 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3911

tcggccccct	cactgcaagc	agctgcaccc	agttaacccc	cagctcctga	cactgacccc	60
acacccacct	accaggact	caccctgtct	ctcactaacc	cccgaactaa	ctcaaccctg	120
cctcccacac	tgcacctgcc	ctcacgaccg	accccatcct	cacccccatc	aacatctctg	180
cctccctcct	tggtcctagg	gtttttttta	aaaattcaat	caggaaaacg	gagggcatac	240
ccagaacact	tctgggtgca	gaatggggag	agaaaggctc	agccatccgt	ccatgccctt	300
gtgaattcag	ccagcgctta	gacagcacc	acgcatccca	ggtactgggc	atggggagtt	360
caaccgtgaa	caaaaacat	gccccagga	gcttccgctt	tggagcagga	ggcagacacg	420
gacctagaaa	gtcatggttt	gaggcgatgt	atgctaaaat	ggaggagga	cagacagtga	480
gaggaacact	agaaactccc	aggggatggg	gccgggcatc	aggggaagact	cgatatctgc	540
agtggggcct	taagggttgag	caggagttct	gaccacacgc	agaggaagaa	atcccatcga	600
caggaacggt	tgaagggaac	cgcaggacag	agcttaggag	actagactgt	ggaggaggga	660
ttctcaggta	gatatgaggc	aggcaccggg	ctgagaggct	gccaccttgt	ctaggggctt	720
ggggaggagg	caggtgagct	gggaggggca	gctctggggg	cttgtgagga	tggactggag	780
gtgggaggct	ggaagttagg	aggctgaggt	gacaggtgga	agcgtgagct	ggg	833

<210> 3912
 <211> 1456
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5)...(819)
 <223> similar to gill199604 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3912
taaccacagg aaagttctct ctggagcaaa gcgttatgaa tgcaatgaat gtgggaagtc      60
ctttgcttat acatctagtc tcattaaaca caggaggatt cacactggag agaggcctta      120
tgagtgcagt gaatgtggga gatcctttgc tgaaaactcc agtcttatta aacacttgag      180
agttcacaca ggagaaaggc cttatgaatg cgttgagtgt ggaaaatcat ttcgccgaag      240
ctcttcactc ttgcagcatc agagagttca cactagagaa aggccttatg aatgtagtga      300
atgtgggaaa tccttttagct taagggtccaa cctcattcac catcagcgag ttcatactgg      360
agaaaggcat gagtgcgggc agtgtgggaa atccttttagc cgaaaatcta gccttattat      420
acatctgaga gttcacactg gagaaaggcc ttatgagtgc agtgactgtg ggaaatcctt      480
tgctgaaaac tccagcctta ttaaacactt gagagttcac actggagaaa ggccatatga      540
atgcattgat tgtggaaaat catttcgcca cagttcttcg ttccgtcgcc atcagagagt      600
tcatactgga atgaggcctt ataagtgaag caaatttttg aaattctctt gccaggcctt      660
tttgctcctt caaggccaga gagttcacac cggatcaagg tgttatgagt gtgacaaatg      720
gggaatatte ttttagctaga atgctagctt ctttacataa aagagtgtc cactgaaga      780
agtgcctttt gagtgcaatg aatgtgagaa agccttcagc cctctctcat tggttaccac      840
aatattttaca tgaggaaaat accacagatg tggaggtaat attatttttt cttcaatata      900
acactggagg aaaccctta tgaggatgcc atctgcctaa attgaatgtc atacatcaaa      960
tagctgcata cattccaggt atgtgggaac tgcatagtat ttttcgacct gccagggtct     1020
cttgctagac ttctgtgact tacagttctc ttctaaaaag catttcacct ttaccacttg     1080
gcaggtgccc acagtacatc attcgcctaa ctcacatga tccagaagta actttgattt     1140
tgtttcattc aacagagggg ttttttagta tctcagcac tcattctatt ctcatttctt     1200
tctctccaat gagttaggcc atgaacctga ctcatttttg gcacagagga ctcttctgat     1260
aacttgaaaa aatggactac ctttttcagg gatcttttgg atctcacaga gttcttaaga     1320
tggaattttc cagcctgcca gtcatgaatc tcagacagcc tgccacctat tgccctgatt     1380
tgtgttataa taaaggcctt gttgcttaag acaccttcag tctttgcagg agggcatgga     1440
agctccaaaa aaaaaa                                     1456

```

<210> 3913
 <211> 1269
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1271)...(227)

<223> similar to gi4105619 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3913

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ttttttttttt ttcctaaatt acagtatttt atttaatatg ccttttaaaa ataaatgagc      60
cttagcttat caggcacaag ttttttttgt tttgttttgt tttatttatt cacttacagg      120
aaatataaac acaaattcta aaagtgtgaa gttgcaaagc acaggcaagt tcacatttca      180
attaatgtga actgaacaag agtttaaggt gattttttaa taccttccac gttagaaaat      240
ccttctttct taaataagtt ttcataataa gccaaagtcct tgcaacttaa cgacgggtttt      300
acagtcttaa gtgatttttag aaagtgtctt tgtttcactg tagttgcgtc tagtccattt      360
tcttgagag ccagcaaagc agcttctgtg cagagggtttc taagatcagc tccagaaaaa      420
aaacagggtt ctgctgcgag gttttctaag gagacatcag gccctattgg catgggtttt      480
gtacagactt ttaaaataga aagcctgccc ttgtgatctg gaggtgggat atagatgatc      540
ttatctaate ttccaggctc taacaaagca gtatctaaca catcaggctt atttggtgct      600
gcaataatca tgacacttcg gttaaaaact tcttgaaact ctcttcattt tttcagctcc      660
ttgtatttac cctgttgact tgatttactt cctcttctct ctattgtctt aagtccaaca      720
ccatctaatt cattcaggag aacagaaaga actcgttctt gaacatcaca tctgtcttg      780
ctggctgagc gagctcccaa gattgaatca atttcatcca aaaacaaaat tgctggagtg      840
cttgctcttg cttgtcgaaa tatctgagac aacacttttt ctgaatctcc aacaaacggt      900
gaaaacagat cagctccact cactgaaacg aaagagcagt gacagcttgt ggccagggcc      960
ctcaccagag tgggttttag acatccaggg ggcccataga ggagaactcc ctttggttgt      1020
gtcaggccca ttctaacaaa ttcccaaggg aatttcagag gccactcaat gctctgtttt      1080
aacttcagtt ttacatcttc aaggccacca atctcctccc agtcaacagg cttgatatcc      1140
attaatccaa tgacgcttcg aaacgatgag ggctgaatat ttttaaaagc ttcaaggaag      1200
tctatttcat caatcacagg attgtccttc tcactatgaa ggagggcatg catggcagcc      1260
tccctacag                                     1269
```

<210> 3914

<211> 1449

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1451)...(1226)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3914

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tagatggtga gtgccccttc ccatccaaaa ggtctcagca cactgatgat agtgccttgt      60
gcatgtcgct gtcagggttg aatcaagtgg gctgtgctgc taccctgcct cattcttctg      120
ccttcaagcc tcttaagagt gatgacagac ctaatgctct attaagttca cccgcaacag      180
aaacagttca tcattccctt gcatattctt ttctgtctgc tatccagaga aatcagcctc      240
agcgccctga aagcttcctt ttccgagcag gtgtcagggc agaaaccaac aaaggtcatg      300
cttcacctct tctccatct gctgcaccta ccactgattc tacagattcc ataacaggac      360
agaattcaag acagagagaa gaagagctgg aattaataga ccaactgcgt aaacatattg      420
```

agtaccggtt	gaaagtgtct	ctaccttggtg	atctcggagc	agctctaact	gacgggtgttg	480
ttctttgcca	tttggccaat	catgtgcgac	ctcgatctgt	ccaagcatt	catgttccct	540
caccagctgt	agtaagttga	taatcctaaa	aagccttggc	tattcatcag	acatttggtta	600
agcacagtgg	acagacattt	cttaagcatt	gtgctagata	ttaaggatac	agatataaag	660
agtccagtct	ctaccttcct	ggtctcactt	ctactcgaga	agaaatagac	atgtatacag	720
ctacttacag	cagtgcgata	aatgtaagaa	aggcatgtac	agtgtgtgtt	atagggatat	780
aaaaaggggc	cacttaactc	cacctggaga	gttcaggga	gccttcccag	aacggggcaa	840
atttgaacta	attcttgaag	tttaagaagg	aattttccag	cagtacagag	aggggagggg	900
gccttccagg	cataggattt	ctagattcag	aagctaagga	aagtttggct	tttacttaag	960
gaattggtaa	attgttcaga	atggatcgtg	cacagggttg	taatacaaat	ggtaaggggt	1020
aaggctagag	acgtgagctg	gggcccgtgt	acaaaggcct	tatgaaccgt	gtgaaggacg	1080
tttaccctag	tacagacaat	gaggatacac	tgaattaaag	aggggaatacc	atgattctaa	1140
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atttgggagg	ccgaggcaga	cgattgcttg	agcccaggag	tttgagacca	gccaggacaa	1260
tatggcaaaa	ccccgtctct	acaaaaata	caaaaatcag	ctgggtatgg	tggcatgtgc	1320
ctgtggtccc	agctactcgg	gaggctgatg	tgggaggatc	acttgagccc	aggagttcga	1380
ggctgcagtg	agccgtgatt	gtgccagtgc	actccagcct	aggtgagaga	gcaagaccct	1440
gtctcaaa						1449

<210> 3915

<211> 1550

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1272)...(655)

<223> similar to gi4185892 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3915

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agtatgacaa	ttcacgatac	agctcttact	ctgggagagt	ttattttacc	ctttattcca	180
aaaggcacaa	agtcacttga	ggcctcagat	attaacccca	ctgcatgtta	atgacacacc	240
actgaggtgc	agctcaatgt	aattattaaa	gcttataaca	cacttcccc	agaatttata	300
gattctttct	ataaataata	atttaaaaa	tactgcacct	taagaccaat	acaggcttaa	360
caaaagacct	gaaatttctg	caagggcagt	tttgtttctt	gatagaagta	caacttttga	420
aagtctattc	ccagcaaaag	aaacactaga	cccagcttgg	ccaaagaaac	aaaataaaac	480
aagtgatttc	taacacgcta	aaagagtaca	ttttcatcag	ctccaaagaa	agcagtcctg	540
gtcattcaga	aggctcctat	gatcccacca	gtctgcagtc	attagaaata	tatgctttac	600
aggccacagg	ctgctctgga	tttggtttca	gacaccagtg	accagaagaa	gccagttttg	660
cgtgtgaggg	gtgtgggccc	ccgctgcctt	gggctgtctc	accggggtgg	atggaccccc	720
gccgggtcac	agcctgctgt	cacgtctgga	ctgttgccct	cttctgcac	tgggctgttg	780
ggctctcctg	ctctctgtcc	ctcagtcacg	tcattgtctg	gctgtccggg	gctggctgca	840
ctctcatttg	tgaggataac	cccttccttc	ttcttttctc	ccaatacctc	cagccccatc	900
atcctgagat	aatgaagccg	ttcattcttg	ggcacaaaag	ttcgaatgga	ggcctttccc	960
cgccatccgc	ataagacgat	gggacactgc	agagcgtctg	gattcgcaga	atctggttca	1020
tacttcagca	cgatgcttcc	ctttgccagg	tcctttgctt	gactgtaggt	ctcactgctg	1080
agttttctaa	aaaagggatt	ttcctgggtc	aacagtatct	taacatcttc	cattgataca	1140

gtaataattc	ttgagttaat	aatgggatac	aatgtatata	ttccctcctg	tgccagccgg	1200
aaagcacagt	caaactcttc	accgctgtta	tttctacacc	agactttgat	ccccgtgtta	1260
ataacctgta	agtaaaaaaa	taagatgaaa	cacagagaga	tgaagacagg	accatctcct	1320
gtaaggatgc	cggggccacat	ggagcaaccg	tcacggaatg	ggaaaggaga	ggagaagcag	1380
aaaccacccg	agaaaccccc	gttaagaacg	aactgatact	cacaacttgt	gattacgtcg	1440
cttgaggagc	agtaaagcaa	atgaaaaaag	ggcaacccaa	tggccaaatt	ctaagggaag	1500
taccgcacgc	gtggggcggtg	gctcgacccg	ggaatgccgg	agtaaaaagta		1550

<210> 3916

<211> 638

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (618)...(136)

<223> similar to gi2578453 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3916

tttttttttt	ttgtgtgcc	caagtttatt	actcaataaa	tattctgtgg	tttgacgtgc	60
tgtattgtat	ttttaatgta	tcctgatgag	aaaaacaatc	ctaagacatc	ctgtaagtat	120
cagacacgat	tgaataagaa	ggggaatgac	tccatgaaac	tatatttggc	atcagtaaga	180
ttcttctgcc	agttttctcg	aaagcgaacc	attcctggtc	tgtgaactaa	tgcttggtgg	240
tcacctacat	aagaaacaac	aatgggtgca	tccgaaaaat	attcgtcaat	ttgtttaaga	300
cccttttcca	cagtgaattc	accgtgagtc	atccacttga	tgtttttcaa	aggggttgcg	360
tcctcttcca	caatcttaac	agcataattg	atgacatcct	caaccagagc	tagagctact	420
tgagtcaatt	catcctcgta	gttcttgtct	tgtgtattcg	gcattgtttg	gcttgccggct	480
ttgttatcct	catccattgc	tttctggctt	gttgaatttt	gagttctact	cattttcttt	540
ttccggagtg	agcagatctt	ctttgcttgg	aacaggagca	gtggtagggtg	gctgggggatg	600
tctcaggatt	ctctcagtag	cttctctcag	attgccag			638

<210> 3917

<211> 2057

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1338)

<223> similar to gi3461882 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3917
gaacgacaga tgaaatccag ataagtgacc cgaccctcag gtgcaccta gaaagaacac      60
gtaaatgtag tttttattgg ccatgtagac gctggcaagt caacgatcgg aggacagata    120
atgtttttga cccgaatggt tgacaaaaga aacttgaggaga aatatgaaag agaagctaag    180
gaaaaaaaca gagaaacctg gtatttgccc tgggccttag atacaaatca ggaggaacga    240
gacaagggtg aaacagtcga agtgggtcgt gcctattttg aaacagaaag gaaacatttc    300
acaatttttag atgcccctgg ccacaagagt tttgtcccaa atatgattgg tgggtgcttct    360
caagctgatt tggctgtgct ggtcatctct gccaggaaag gagagtttga aactggattt    420
gaaaaagggtg gacagacaag agaacatgcg atgttggaag aaacggcagg ggtaaaacat    480
ttaatagtgc ttattaataa gatggatgat cccacagtaa attggagcat cgagagatat    540
gaagaatgta aagaaaaact ggtgcccttt ttgaaaaaag taggcttcag tccaaaaaag    600
gacattcact ttatgccctg ctcaggactg accggagcaa atattaaaga gcagtcagat    660
ttctgccctt ggtacactgg attaccattt attccgtatt tggataactt gccaaacttc    720
aacagatcaa ttgatggacc aataagactg ccaattgttg ataagtacaa agatatgggc    780
actgtggtcc tgggaaagct ggaatccggg tccattttta aaggccagca gctcgtgatg    840
atgccaaaca agcacaatgt agaagttctt ggaatacttt ctgatgatac tgaaactgat    900
tttgtagccc caggtgaaaa cctcaaaatc agactgaagg gaattgaaga agaagagatt    960
cttcaggat tcatactttg tgatcctagt aacctctgcc attctggacg cacgtttgat   1020
gttcagatag tgattattga gcacaaatcc atcatctgcc cagggtataa tgcggtgctg   1080
cacattcata cttgtattga ggaagttgag ataacagcgt taatctcctt ggtagacaaa   1140
aaatcaggag aaaaaagtaa gacacgaccc cgcttcgtga aacaagatca agtatgcatt   1200
gctcgtttta ggacagcagg aacctctgc ctcgagacgt tcaaagattt tcctcagatg   1260
ggtcgtttta ctttaagaga tgagggttaag accattgcaa ttggaaaagt tctgaaattg   1320
gtcccagaga aggactaagc aattttcttg atgcctctgc aagatactgt gaggagaatt   1380
gacagcaaaa gttcaccacc tactcttatt tactgcccat tgattgactt ttcttcatat   1440
tttggcaaag agaaatttca cagcaaaaat tcatgttttg tcagctttct catgttgaga   1500
tctgttatgt cactgatgaa tttaccctca agtttccttc ctctgtacca ctctgcttcc   1560
ttggacaata tcagtaatag ctttgtaagt gatgtggacg taattgccta cagtaatgaa   1620
aaattaatgt actttaattt ttcattttct tttaggatat ttagaccac ccttgttcca   1680
cgcaaaccac gagtgtgtcc agtgtttgtg tgtgtgttaa aatgataact aacatgtgaa   1740
taaaatactc catttgaaac tcttcggtta tttgaaatgc ttttgaataa tgtttaaatg   1800
tcattatgta atgctattca attagcttta ttactttctc aaatagttga atatgttcta   1860
tcacttaaaa acttaaaaaa ctttcaccac ttactgtttt aagtgaggaa tttacaaaca   1920
atgcataagt gtgtattaaa ggaataattt taattttgag aaaaaaacgt atgttaaggc   1980
tcttcccagt gggctttgtt ttctctgtcc aagtcagtc aataaaggag ctcttctgct   2040
tcccacttg tgatttg                                     2057

```

```

<210> 3918
<211> 442
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(443)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (3)...(442)
<223> similar to gi3108057 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```



```

<400> 3918
atccttccca gaaaaattca ggcacagata tggaaccaag gactgttgag ataaacaggg      60
agctcagtga tgcccttgga atcagtattg ctggaggaag aggaagtccc ttaggagata      120
tccccgtatt tattgccatg attcaggcta gcggagtggc cgcacggaca cagaagctta      180
aagttggaga tcggattgtc agcattaacg ggcaaccttt ggatgggctg tctcacgcgg      240
atgtggttaa tctgctgaag aatgcctacg ggcgcattat cctgcagggt gtagcagata      300
ccaatataag cgccatagca gctcagcttg aaaacatgtc tacaggctac caccttggtt      360
cgcccactgc ttgacaccat ccanaagaca caaaggagca nctgcagatg acggccgatt      420
taaacgaggg atcagattta tc                                          442

```

```

<210> 3919
<211> 844
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(662)
<223> similar to gi2291232 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3919
tgcattgcta gtcagtttgg ggcaacattc tttatcatct ctgcttcacg gttaacttct      60
aaatgggtag gtgaggggga gaaaatgggc cgtgcattgt ttgctgttgc aagggtgtcag      120
caaccagctg tgatatttat tgacgaaatt gattccttgt tatctcaacg gggagatggg      180
gagcatgaat cttctagaag gataaaaaca gaatttttag ttcaattaga tggagcaaca      240
acatcttctg aagatcgtat cctagtgggt ggagcaacaa atcggccaca agaaattgat      300
gaggctgccc ggagaagatt ggtgaaaagg ctttatattc ccctcccaga agcttcagcc      360
aggaaacaga tagtaattaa tctaattgcc aaagagcagt gttgcctcag tgaagaagaa      420
attgaacaga ttgtacagca gtctgatgcy ttttcaggag cagacatgac acagctttgc      480
agggaggctt ctcttgggcc tattcgagct ttacaaactg ctgacattgc taccataaca      540
ccggatcaag ttcgacccat agcttacatt gattttgaaa atgcttttat aactgtgcga      600
cctatagttt ctccaaaaga tttatagctt tatgaaaact ggaacaaaac tttatgttgt      660
ggaaagtaag tgggatactt gtaatcaagg catctctgta ttcagtcttc tttatgttgt      720
agcatataaa gtttgggtgt gttaatatga tttttaagac tatcttctaa atactgtact      780
tgaccatata tcacagattt tacatctgat tgacatagtg tatgttaacg tacgttaggc      840
atcg                                                                844

```

```

<210> 3920
<211> 1018
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (104)...(153)
 <223> similar to gi510184 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3920

atattatttca	tataaatctc	atatggtaca	aaagtattac	atgcttgggc	ctgtcttgca	60
aaataagagg	ttctttcagt	tcttcaggcc	aaccttcctt	cagaggcaaa	taaataagaa	120
acatgtagaa	catattttaga	aaatttttta	ccataataaa	aatatgtgaa	catcttatat	180
ttagcatagt	ttagcaatcc	agtttatgtc	gacaaattta	gttcaactgt	gggaggcaca	240
tgtcacagaa	gaacctaaata	ggcagcagat	attttaacct	gtaggaacaa	aatgtttaac	300
atttttcttg	tattttttga	agaagggtact	ccatttgtac	attcaagttt	ggttgggcct	360
tttttagtctt	tttggttcagt	attttaaaca	cttccatttt	cttctttttg	tactgccttt	420
gggtctcttc	tctctcctgt	tttctcctct	cgaattcttg	tttcttagca	gcacgttttg	480
cttgatatctg	ttcatattct	tcttggtgctt	tttgatttga	tgttttcttt	ttatttttct	540
ttggaattgt	aaaggagttt	actgttttaa	tacattgttc	ttctggctga	ggctgggtcaa	600
agctacactg	atcttcaa	aaaggctcgt	caatgctaca	ctgttcttca	agcaacggct	660
ggtgaacttg	ttctgacaaa	ggatggctga	cttttcttgc	ttgcttccta	tgtctttcct	720
cttcagctaa	atagagatgt	ttcagattat	ctgggtatcg	atctgtgaat	tgagattcca	780
gtgacgtttg	agccttcttt	tccttcctga	gcaatttctt	gtaactttgc	tgtattttca	840
gttttcttcg	aaaagcaaa	ccttgctcct	cgcgaacgct	ccccacgaag	gcttgcggt	900
ggttaggccg	ccatgtcttc	tgtctcacat	tcttattcct	gtacccgaca	gtggaaaccc	960
cttcaccacg	cgcctcaata	ccaccaggcc	gccacttcgc	ggaccgcctc	accggcgc	1018

<210> 3921
 <211> 474
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(169)
 <223> similar to gi4579725 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3921

aagggttgtc	tggtgcctc	cttcaactgc	atcttctgt	atactggga	actgtatccc	60
acaatgatcc	ggtgagtga	agcctaattg	gagaatgaca	gccttttctt	gggaaagac	120
attcttctgt	gcacaggtca	gacccagag	ctaaatcaag	tacatcccag	cccaaaggcc	180
cctcccaaca	ctcatcattg	caaggcacat	agtagccact	gagtacacac	ctcatggcct	240
agctaacaca	ggtgttactg	tcctctaagc	ccttacggga	ccctagaaga	tctcaaaagt	300
agccaccaac	tggggcaggg	taaggaacca	agaagacaca	tctcagagac	aacaaatcga	360
agtcttcctt	taatctccaa	aacacaaatt	agaagctgcc	accacatcta	cattccatct	420
ataaaccaag	tgatatatct	gaaagcaaag	gccacaaaca	tgaaagcaat	ttcc	474

<210> 3922
 <211> 2263
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (34)...(719)
 <223> similar to gi5532389 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3922

aaagatgtta	aacaaagtga	atttgggaca	tgctgctcgt	actgtgtgtt	acagccctga	60
agggacatgg	tggctattgg	aatgaaaaat	ggagaattta	tcattttact	agtgaagttct	120
ctaaaaatat	ggggaagaa	gagagacagg	agatgtgcaa	tccatgatat	cagatttagt	180
ccggattccc	ggtatctggc	agtaggttct	agtgagaact	cagtggattt	ttatgacct	240
acgctgggcc	ccactcttaa	cagaatcagc	tactgcaaag	acattccaag	ctttgtcatt	300
caaatggact	tctctgcaga	tagcagttat	ctccaggtct	ctagtggctg	ctataaacgg	360
catgtctatg	aagtgccttc	aggaaaacat	cttatggatc	atgccgctat	tgacagaatt	420
acttgggcta	catggactag	tattctagga	gatgaggttt	tgggaatctg	gtccagacat	480
gctgagaaag	ctgatgtcaa	ctgtgcctgt	gtatctcatt	cagggaatcag	tcttgttaca	540
ggagatgact	ttggcatggg	taagttat	gacttcccat	gtccagaaaa	atttgcaaaa	600
cacaaaaggt	tcttgggtca	ttcgccccat	gtgacaaata	ttcgatttac	cagtgggtgat	660
cgacatgttg	ttagtgtctg	aggtgatgac	tgcagcttat	ttgtctggaa	atgtgtacat	720
acacctcact	gagagatgct	gagatgacta	cagaaattaa	ctttgagacc	agaattacag	780
agaagaaaaa	ccaaaaccca	accctgcatg	gtcaagtggg	gctaacccea	gactgtaaca	840
gggagaaatg	cccagaatca	tcaaaatagt	gaaagactga	tctgttcaaa	atatttgcta	900
tatgcactgg	gtataatccg	taatccatac	actgccagat	aatgccattt	caaggaagga	960
tcgaatactt	gatggtaaag	gccaaagtc	cctgtattgg	gaagtgtgtg	atttcggcag	1020
acctgctggg	aaaatttagg	gtagagcact	ctttacagaa	gaactcaaaa	acccaatttg	1080
gataattttc	attatctttt	tatcaaaatt	ttttctta	gtttatattt	tattttcaag	1140
gttcattgtt	taatgaaata	ttttattctt	gcatttccat	aaggaaaggg	aaagtcatga	1200
tcacctaata	ggatcacagt	ttttaaaagg	caaacatttt	ccctaaggaa	acagacacaa	1260
gctttcctag	agaatatgat	gttttttagg	cattaataag	gtcctttttt	ataaaggaca	1320
ctttttctct	agtagttttg	aattcaggaa	cagatccaaa	gttagcagta	tatggctgct	1380
acatttccat	tttcattttc	gagccatcag	tttatgttca	gatgccatct	ctgtaatcgc	1440
acatttataa	cataactgta	gcctcactaa	tggaaaagta	gtatgatgaa	caatcattcc	1500
caatggtgta	caatgtaagg	gttttaggga	gcaacagtat	ttaactggaa	gaaagaattg	1560
catattta	gtagtcta	atatacacat	ttgtttaaca	tgtaaacaaa	agtgttaaat	1620
tcacatatac	aacattatac	aatttaatac	ctcttggaat	aaaattttta	tagccttttt	1680
tctattggga	aaatttggtt	agatgtgtgc	cactccatag	gtttatttcc	aaaatgaatg	1740
agcccaactc	catttgtaaa	aacttgtcag	ttagaattcc	tttttttagt	ggattagggc	1800
tgaattctta	gaccttattt	tcttttct	ttaaatgctg	ccaaagatca	ctactcatca	1860
ttcaggaatt	cgctgtctag	cctatctgta	gtttcctgaa	gattgaaaat	tatgtagact	1920
gctattttaa	aatatatttt	tctaagtgtg	aggtttaaga	tgctgtattg	accctatgag	1980
tttttaatgt	gttaattatc	tttatagcat	aatagatcgc	tttaggttcc	tggaatccca	2040
tttggctctg	caggatat	gaagattcct	aatacctatt	ttctgtgtct	aatacttggt	2100
taataactaaa	aatagaaatg	actaaattac	atcacagaaa	gcataaccag	tgattgaacc	2160
tggtagtttt	aaagctctaa	atagctgtgg	ctgaaggact	gattatgggg	ctaagaagct	2220
tgaaacgtaa	gttggtactt	gttcatcagt	ggattctcct	aaa		2263

<210> 3923
 <211> 581
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (582)...(367)
 <223> similar to gi4406672 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3923

tttttttttt	ttttaataac	tgttcagcta	caaaatttta	ttggtatctt	tttatgttcc	60
ctctagagga	tgtaatgcac	aaaagcattg	ccacggaaca	tataaaatta	caaatgaaat	120
ttattgtaaa	aagtagaatg	tcttctagac	tggtgtcagt	atztatgtca	ttcataaaac	180
aaaactgctg	tataatatat	tcattgtcag	caagtccatg	tgtgtaaatt	gccatccaat	240
gttattgact	gatataagac	agatattgaa	aagacaattt	aaattttact	ttccaaacat	300
aaactgttcc	acaaaagcac	tgtaaaaact	ccttcaagat	tttgggttgt	gcttgacatt	360
tatggttaac	tacataattt	ggtcgtgtca	taatccattg	tgtttggtgaa	tttggcatta	420
aacgcctgca	gagcagattg	gacctcacc	ccctcactag	tagacagctt	gagtctatga	480
cgaagcaagc	aagagaaaag	atctagacga	cgctgccag	gtggggagag	tttatctact	540
agagatcaga	gcccgtgtag	ttgcaaaagt	gctgaatcct	g		581

<210> 3924
 <211> 1275
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (322)...(640)
 <223> similar to gi2393890 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3924

cccacgcgtc	cgcttagtcc	tgggggcagc	ccgaggccta	taccggctac	accattcaga	60
agcacctgaa	ctccacggaa	aaatcagaag	ctcaaaactc	ctggtaactc	aaggctacca	120
agtgaagatt	tggttacctg	gctgagtttg	gggctggcag	ccttcagcac	accaatgggtg	180
tcaatggcag	gtgtgcatgg	gacaagaaca	tatgctgtca	tgattgtgct	acagtttctt	240
taagaacacc	agcttgacag	atttgagttg	aggaaaacac	agacttccat	gagtttggga	300
actacgagag	aaaagacaga	cagagtcaaa	tctacagcat	atctctcacc	tcaggaaactg	360
gaagatgtat	tttatcaata	tgatgtaaag	tctgaaatat	acagcttttg	aatcgtcctc	420
tgggaaatcg	ccactggaga	tatcccgttt	caaggctgta	attctgagaa	gatccgcaag	480

ctggtggctg	tgaagcggca	gcaggagcca	ctgggtgaag	actgcccttc	agagctgcgg	540
gagatcattg	atgagtgccg	ggcccatgat	ccctctgtgc	ggccctctgt	ggatgaaatc	600
ttaaagaaac	tctccacctt	ttctaagtag	tgtatcaaaa	tctaaaccaa	ggagtctctg	660
gacaagaagc	tgggagaggc	acaaactgga	catctctctc	tctcatatcc	ttcggcattg	720
ggttatctat	gggagcaagg	agtgggcacg	cttctctgtt	acaaatagaa	aacgattcca	780
gtcatacagg	acacatccca	ctccaaatga	tatttccaaa	aacatacctc	tgacagtaac	840
tttgatagat	ggtttgtcaa	atgtatcttt	ctgggtatcc	acacctcttg	gcaatgaaat	900
ttgcagctcc	tcccttccat	aaatgaagtc	tctttcccca	ccatttgaat	ctgggctggc	960
actgtgactt	gatttgatca	atagaatgtg	gaagaagtga	ctgtatgcca	gttccaagcc	1020
taggtttcaa	gaggccttat	aaatgtctgt	tggaaacctta	cccagccatg	gacatgttga	1080
gtgagcatgc	tggagaatga	gagaccacat	gaagcagaaa	catgctttcc	tagctgaagt	1140
catactagcc	caaccaacat	ggcagctaac	acatgaatga	ggccaatcaa	gaccagaaga	1200
accactcaag	cagatcccag	cccaaattgc	ccattccaca	atcaggagct	aaataaatta	1260
ctgttgtctt	aacac					1275

<210> 3925

<211> 569

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (26)...(445)

<223> similar to gill196425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3925

atcgatgacc	ctcgtccatg	tggtggaatt	cgctcccaa	gaaaagagga	gcatagctat	60
agcaaattgg	aaagatgatg	agtggtgccc	cgaaaggatc	atacagtact	ataggcctgc	120
cacatgggca	caagacgact	catagggata	ccataccccc	atctacatgc	tcaactggat	180
catacggtta	caggccatct	tagaaataat	cactagtga	actggcagag	ctttaactct	240
tttagcccag	caggaaaccc	aaatgagaaa	tgccatctat	cagaatagat	tggccttaga	300
ctatttgctg	gcagctgaag	gaggagtctg	tgaaaaattc	aacttgacca	agtgtgtct	360
gcaaagagat	gatcaaggac	aagtagtcaa	aaatatagtt	agagacatga	caaagctggc	420
acatgtaccc	atgcaggttt	ggcatagggt	tgatcctgga	tccctgtttg	gaaaatggct	480
tccagctcta	ggaggattta	aaactcttat	aataggaatg	ataatgggtg	aggaacctgc	540
atgttactcc	cctgttggtta	cccatattt				569

<210> 3926

<211> 602

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (168)...(389)

<223> similar to gi4468307 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3926
agagaagtag gttccaggaa acaaaaaggt cagaggtgta cccagtgaag acaacagcag      60
gtgtgaaagc caagaaactg cagcgctcag ttcactcaag aaacaaaggg gttcaatatg     120
gatggactgc agatctccag atggaagcgg ggcattggcca ggccagcatc ctatggctct     180
actttgagac ggggtacctg gtgtatcctg tgtttgccaa actcagcctc ttgggtctag     240
cagctttctt ctctctcagc tacgtcttca tcgccagcat ctacctactt ggagagaagc     300
tcaaccactg gaaatggggg gacatgaggc agccacggaa gaagaggaag taattgcaca     360
ccattttcca agaaccaaga aagaagaaaa cacaagagat ttttctcatc cttttttttt     420
tttcgggggg gggggggggg ggggggaaca taccaaagtg ggggggacaa aaagggatcc     480
ttaattttta aaaaaggttg ggggaaggac cttaacttga aaactctggg ttttttgaag     540
ggtggactgc ccatgccaaa aacaactcct ggtattttaa aattaattat ctttgacctt     600
gg
                                                                602

```

```

<210> 3927
<211> 1672
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (537)...(1072)
<223> similar to gi5834580 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3927
tttcgtgggt cagaagggag gtgggtcgccc tccgtcgttg tctggcgtgt attccgagcc      60
ttggtgtctg gcggtttccg agcgttggtg tctggcggtt tccgagcggt ggtgtcttgg     120
cggtttccga cegttgggtg ctggcggttt ccgacggttg gtgtctggca cgcgccaccc     180
tctcttgctt tggttgcgcc atgccgatgt accaggtaaa gccctatcac cgggtctgcg     240
ccccctccg tgtggagccc acctgcatgt actggctccc caacatgcac ggcaggagcg     300
gcggcccagc acttggcact ggccacttgc agacaagaag acaagaaaat gatttgagga     360
cagcttcaat cgcggtgtga agaagaaagc agcaaaacga ccaactgaaa caacgccggt     420
ggcaaaatat ccaaagaaag ggtcccaagc ggtacatcgt catagccgga aacagtcaga     480
gccaccagcc aatgatcttt tcaatgctgc gaaagctgcc aaaagtgaca tgcagggatg     540
tccttcttga gatccgtgct atctgcattg aggaaattgg gtgttggtat caaagctaca     600
gcacgtcttt cctcaccgac agctatttaa aatatattgg ttggactctg catgataagc     660
accgagaagt ccgctgaag tgcgtgaagg ctctgaaagg gctgtacggt aaccgggacc     720
tgaccgcacg cctggagctc ttcactggcc gcttcaagga ctggatgggt tccatgatcg     780
tggacagaga gtacagtgtg gcagtggagg ccgtcagatt actgatactt atccttaaga     840
acatggaagg ggtgctgatg gacgtggact gtgagagcgt ctacccattt gtgtaggcct     900
ctaattgagg cctggcctct gctgtgggtg aatttctgta ctggaaactt ttctaccctg     960
agtgcgagat aagaacgatg ggtggaagag agcaacgcca gagcccaggc gccagagga     1020
ctttcttcca gcttctgctg tccttctttg tggagagcaa gtctcatttt gtcacccagg     1080
tgggaggcag tgggcagttc tcggctcacc gaaacctttg cctcccgggc tcaggcaatt     1140

```

ttcatgtctc	agcctcccga	gtagctggga	ttgcgggtgc	acccccccac	acctggctga	1200
tttatgtatt	tttttcgtaa	aaacgggggt	ttcccgtgtt	ggccgggctg	gtctcgagct	1260
cctgacctcg	ggtgatccgc	ccgcctcggc	ctcccaaagt	gctgggctta	caggcgtag	1320
ccaccaaccc	cagcccactt	gtaggtccta	tgcacaacag	ccagacttct	ctctgtgtat	1380
gtcacctcgc	tctccacaaa	gaaggacagc	agaagctgga	agaaagtcct	ctgggcgcct	1440
gggctctggc	gttgctctct	tccacccatc	attcttatct	cgcactcagg	gtagaagagt	1500
ctgggtggaat	ggacacgagg	aaagggctca	gcacaacagg	aaacaaggag	gtgtaacgac	1560
aacagaggga	ggagatggcc	caaggagatg	ataaaggaaa	aggaggtgag	agctaaggaa	1620
agccccaagg	agatgcgaaa	agaaaggaga	caccagggag	actttcacag	ag	1672

<210> 3928

<211> 2288

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (36)...(1400)

<223> similar to gi4895145 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3928

cagtggcgg	ccgagatgaa	tgctactggc	gccacgtctt	ctgggaccag	gacctctgga	60
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tccgcacgct	ggacggggcc	ctggagaacg	cccagaacct	gggctaccag	ggagccaagt	180
ttgcctggga	gagtgcagac	tccggcctag	aggtttgccc	tgaggacatt	tacggagtcc	240
aggaggtcca	cgtcaacggg	gccgtgggg	tggccttcga	gctgtactac	cataccaccc	300
aggacctgca	gctatttcga	gaggctgggt	gctgggacgt	ggtcagggct	gtggccgagt	360
tttgggtgag	tcgtgttgag	tggagcccca	gggagggaaa	gtaccacctg	aggggagtc	420
tgcccccca	cgagtaccac	tcaggggtca	acaactctgt	gtacaccaac	gtcctggctc	480
agaacagcct	gcgctttgct	gctgccttg	cccaggacct	gggtcttccc	atccccagcc	540
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gatacccaag	ccccttctcc	ctgagtcctg	atgttcgcag	gaaaaatctg	gagatttacg	720
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gagcgggtgt	gacctttgac	cctgtgtgtc	tgctggggat	ctccagagtg	agcgtctccg	1020
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aggcaggctc	aggcctcagc	gtggacagca	gggataaggg	gcacgaagga	cggggactcg	1800
gcccccttcag	aattcctcag	gactctcagg	tcagctttg	ccaaaaagga	acttttcatg	1860
tcattgcagtt	gaggggactt	agtctcaatc	ccaggctcct	cttgactctg	ggcagcttta	1920
atcaggttgg	gcagcctctg	ctacagcgtg	gagtgggatg	gctctcttcc	ctcagccacg	1980
ccgcttgtga	ggacagaggt	gggggagtg	gaagtgggaa	gtcaccagag	aacaggagag	2040
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gtgcatgggt	tcaaggccct	ggccctgcc	agcctctgtc	ttgggagctc	agccccaggg	2160
ttcggtcgtc	agcagtttcc	caagaacaag	atgtgatggc	atctgctgct	gaaaccctga	2220
tgaggaccag	gccccctgca	ccgctgtcag	cctgaggaat	taaagctttg	gtgctgggaa	2280
aaaaaaaa						2288

<210> 3929

<211> 551

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (552)...(106)

<223> similar to gi3171904 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3929

tttttttttt	ttcatgtttc	cactagaaac	ttttactact	tgattatctt	aaaaagtc	60
gttgtagcat	cacccaatcc	tgtttaaaac	agcactcagg	ccgtttatgt	agctgatctt	120
ggattagccc	ttgttgacac	gggatgattt	accactggat	tccttggaat	ccgctttcga	180
cggctctctga	atgctgcacc	tgattgtagg	gcttctagaa	gattatccat	cacaccagtc	240
tcataccctt	ctttgtttat	atcaatgagt	tgtttctttt	tcttctggcg	ttctaacttt	300
tcttggtcag	ctttctcttt	tgcaagtttt	gccctcctgg	tcttctcttc	catttctctt	360
ctcttattgt	tttctctcac	tgcttccaaa	aacaaagttc	ggaagttggt	gagatcacca	420
aagaactctt	ctatgctcac	tgtctttgag	tcaaaaatga	agtattctcc	aagattctca	480
tagagcttca	tcattgtgtt	gtgcatgggt	gagaagtttt	acaacggttc	tcgggcagtc	540
tttgtaaagc	t					551

<210> 3930

<211> 1832

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (314)...(1078)

<223> similar to gi499204 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3930

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cagcgaaggc aggccaggc tgtgacagcc gccagtatcc agcagcacgc ccagggtgctg      60
gectccccctg agcagagtc tctgcacaca gctctccttc cttaatgccc agagataagg      120
gtggcttgag ctctgggtgca cagaaccgca tctgactgtc acgtgagctg gacccacctt      180
gctcctgggtc tgcggcagtc tctacagtgc gtagatggag gaatcctgtt ccctggaggt      240
tcggggcagc cactggtagg gtgccagcaa ccccccttc tcttcagca cctgctgtcc      300
ccagatgccc ctgcagaagc tgcctctctc agctactctg acccagaacc ctgaaaagct      360
gcagcagctg ggcctccacc agccccggct tttctccaca gggctagcac acaggggcct      420
ggaagataca gatggggacg gggattcggg gaagtatgcc tttcctgttg ggctcacgca      480
ccactacgtg ccctgcagcc tcagctctaa gccgctggtc gtctgcacc tggctcctgga      540
gatgggcttc tcgagggttc tctgcttcac taactcccga gagaactccc acaggctcct      600
cctgctgggtg caagcttttg ggggtgtgga cgtggctgag ttctcctcgc gctacggggc      660
tggccagagg aggatgatcc tgaagcagtt tgaacagggg aagatccagc tgctcatcag      720
cacggacgcc accgcgcgag gcatcgacgt gcagggtgtg gagctgggtg tgaactacga      780
cgccccccag tacctgagaa cctacgtgca cggggttggg aggacagctc gcgctgggaa      840
aactggacag gccttcacac tgctcctgaa agtgaggag aggagattcc tccgaatgct      900
aactgaagct ggggcacctg agttgcagcg gcacgagctc tccagcaagc tgctgcagcc      960
gctggttctt cggtagcagg aggccctgtc ccagctggag gagtctgtca aggaagagcg     1020
caagcagagg gcggcctagg ctggggctca gagggccgga gggactgaac gctcaccacc     1080
ctgacctcc ttccagagca gtgctgatca ctggatcctg tatgtgagga aaggaatccc     1140
ccagtggaca cagccttctt cccaagcac gtggtctctg cgccaggcag ccggggcgct     1200
agagctcaag cacctgcccc gactggagac ttcagggtt gtcactttca gagtgtggag     1260
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cgcgggcacc cgtcatgctt ttgctgagag ttgggggcat taaccttgag ctaatgttaa     1380
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caaggcgggt ggatcacctg aggtcacgag ttcgagacca gcctgaccaa acatggagaa     1500
accctgtct cctactaaaa attacaaaat ttagccagg gcgtgggtgg gcatgcctgt     1560
aatcccagct actttgggag gctgaaggca ggaaaatggc ttgaaccccg ggaggttggg     1620
ggttgagtt gagctgagat tgcgccactg cactccagcc tgggcaacaa gagcaaaact     1680
ccgtctcaaa aaaaaaaaaa tgccgggcgc ggtggcaaat gcctgtaatc ccaggcactt     1740
tgggaggccg aggcaggtgg atcacaaggt caggagatag agaccatcat tgcctaacat     1800
ggtgaaaccc cgtttctgc ctaaaaatac aa                                     1832
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<210> 3931

<211> 353

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (18)...(24)

<223> similar to gil4465 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3931

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ggcacgagag agaggccagc ggatgttgta aacatcctga accaaataga atggcctgtg      60
cagaaaaacta tatatccggg gtactgaacc aggtatgtgg gtcgcatgaa aaaaccccccc     120
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ctagcgacag	atgcacccca	tgctggacag	aatgcttggt	gaacaggcga	ccatgctttt	180
cagctctgga	agcctaggag	acatactttc	ccaaagagtt	taatggtgaa	tcactcacct	240
ttcatgcaga	tatgtgccca	ctttctgaca	aggagagact	aattgggata	cacactggac	300
ttggtgaggt	cgtgaaacac	aggcccaatg	caacgcgaag	ccagctgtga	gct	353

<210> 3932

<211> 1453

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1455)...(404)

<223> similar to gi498721 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3932

tttaagttga	gaactttcac	cttttcattt	aaaaggaagc	actttgtggc	ttctctttgg	60
catatccgaa	tcaccagcat	catcactact	cctgctctct	ggggccactg	ttaagcaaag	120
tgaggactgc	ttggtcacag	gcactgtgaa	tgctgggata	gttgatctga	tcaccaagac	180
ggctactaag	tcactagcag	ggtgggtggc	gtatacagcg	tgatgtgct	ggaccaaggg	240
atgactcaca	tccccggccg	gctggagccg	gacagcgaga	gatttcatca	cgctactcag	300
aagggcacac	catttgagac	ttaaaattct	ttatttctgg	aattttccat	ttaatatttt	360
tgaactgcag	ttgactgcag	gtaacaaact	gtggaaagcg	aaaccataga	tacgagcggg	420
ctactgcgtt	caaaaggctc	ttcaactggt	gtggatcctc	tgatgttctc	ggagatgggt	480
taggtgggta	catgccttcc	cgcactcctt	acattcgtag	gatttcgccc	cactgtgcgt	540
tttctgatgt	tgtgtaagct	gatggccgtg	actaaagctc	ttcccacatt	ctgtacaccc	600
atagggtttc	accccggtat	gaattctctc	atgtttcacg	aggctcgatc	cataaatgaa	660
agccttccca	cactccttac	atttatacgg	ggtttcgcct	gtgtggattc	tctcgtgctg	720
agtgagggtga	tagccacaat	tgaaggcctt	cccacattct	gtgcacttgt	acggcttctc	780
gcccgtatgt	atcctctcgt	gcttaacgag	gctcgaaccc	cagcgaaagg	ccttcccaca	840
ctccttacat	tcgtgaggct	tctcaccggt	gtggatcttc	tgatgctgag	taaggttaatt	900
gactcgagta	aaggccttcc	cacattcttg	acattcatag	ggtttctcac	ctgtgtgaat	960
tcttttatgc	tgaatgaggc	ttgaaccaca	aataaaagcc	ttcccacagt	ctttacactc	1020
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ggtcttccca	cagtctttgc	attcgtagtc	tttctccccá	gtgtggaatc	tctggtgctg	1140
agtgagctca	tcaccacgcc	gaaaggcctt	tccacagtct	ttacattcat	agggtttttc	1200
accagtatga	atcctcttat	gaataacgag	gcttgagccc	catcgaaaag	ccttcccaca	1260
gtctttacat	tcgtagggct	tctccccagt	atgaattttt	tgatgttgag	taagctgatt	1320
gccccaacgg	aaggccttct	tacattcttt	acattcataa	ggtttctcac	cagtatggat	1380
tttctgatgg	tgactaagtt	gatagccacg	actaaaggcc	ttcccacagt	ccttacattc	1440
aaaggaattc	tcc					1453

<210> 3933

<211> 1255

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1247)...(745)

<223> similar to gi5912096 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3933

tttggtttac	agaactttta	tttggattct	ttccttgtct	gttaataata	taggctgcac	60
ctgggcatca	tctgtccctt	cctttttgat	tctgtctgtt	tgcttttaat	cctacaggca	120
tttcttctgg	caggagcctt	gtacacactc	tgggtggttc	atgaccacca	cggacttgcc	180
ctttcaaggc	agaagcctgt	gattcaaaaa	cttcatttcc	ttccaatcga	ctattataaa	240
actcattttg	tctagtgtcc	atactccttt	accttaggat	cctgggcca	ctgtcactaa	300
agaaaacaaa	ccatttcctc	ctcctggggg	aatgtgcttc	tttcaagaag	gtgcttagag	360
aatagacatt	ctaggtgaca	gcagttatga	aagaggtgtc	tctaataaac	ctaacacttc	420
ttccaacata	ctccagggtc	accctccttt	gaagacagaa	agtactacaa	cttcagttgc	480
caccctagtc	aggttcatag	gatttactca	gtaggttaag	agatggtgct	gagaatgaag	540
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tggaaacaaa	tcagattggt	tgcatatctg	tttctcttcc	acctccttca	aataaaaagcg	660
agaacctctt	gggagaattt	aagcaccatt	agcagacaca	tcttagagca	gttaatgaaa	720
tgttttgtat	ttcagtagaa	aactatttca	atggtgaaaa	tgatgcagga	atcagaagca	780
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acagcttacc	agctgccaca	actctgggat	cctcatggga	cttatgtctc	ccagctgcac	960
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agactcctgg	aatagggaga	aaaagaattt	ttcagaaaac	attcaagcaa	tatccaatca	1200
cgtttctcag	tgaatagtct	ttcactatct	acacacacag	atttggagga	tcaga	1255

<210> 3934

<211> 1131

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (715)...(408)

<223> similar to gi4689128 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3934

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cttgggecta	gtttgaggcg	ccccgaaggt	ggagccatct	tggctctcgt	atttgcctct	120
ccctgcccc	caagagggaa	gccagagcta	gcggggccag	cactgctcag	gaggcaaggt	180
ggcctacctg	tcgcacaccc	ggaggaggaa	atcattgacc	aggctctcgt	gccggctgca	240

gatgcttctc	ttggaaggca	ctcttgagcc	agtcctcaat	gctgcacacc	tgcacgcggc	300
tggagtgcc	gcagatggag	aggctgcgga	gtgccggggc	caggaggaag	ttgtccttct	360
ggagttcagt	gaggaacgg	aagtgcagca	gggaccagag	tgcgggggtcc	tcaaacacgt	420
cgtggagctg	ggagcaggtc	ctggcaaggc	tcttctgtct	gtccttgtct	aggaaggaga	480
agagggtgcag	caggcactcc	cggttgagct	gggttatgtg	catggtgagc	agtggccaca	540
tgtcacttca	tcctggccca	ggtactgcag	ctccaaatcg	tggggattct	gtaagagctt	600
gctacctgtt	gactgaggag	gccacgagt	tgagaagaac	tagcaagagt	ggtacaaaac	660
tgcaggtcat	tgggctggcc	accaggtatt	cccaccacc	agaagctggc	tgttgacttc	720
acccggaacc	atggtgcacc	accacagcgg	cgaggtcata	caggcagctc	tccggggccac	780
tgttctcagg	ctacagaaca	aggaagaagg	agcagtggtc	aatgacatca	gtatctcgat	840
gacctctacc	ctctccatgt	gatgacaatc	ttactgaaga	gccatttttt	caccatgcta	900
aaaaggccag	ttgggtccag	cagctttgcc	tctctaccct	tttatcacca	aagtatactg	960
ctgagaaaga	atcaaatgaa	aagaaaaaag	actcaacaag	acctcactca	tattaactgg	1020
actctacaag	cagtgagcat	ccagacctgc	atttggttac	aaaagaagcc	ttcaagctat	1080
tttcatcagc	ttcctaatac	agttaaaaaa	taaaccacaa	aactgagaaa	a	1131

<210> 3935

<211> 1382

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (219)...(1235)

<223> similar to gi4405795 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3935						
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actttctata	atgaagagaa	agataagaag	tttgcagtca	tagaagatga	tagtgatgag	120
ggtggtgatg	atgagtattg	tgatggtgat	gaacatgagg	atgattttta	gaaacctttg	180
aaactggatg	aaacagatac	gattttctcat	gactttattt	tttgaaaaca	ataaaatagt	240
tgaataggct	ggctgaacac	ccctaatatg	aaaatgaaaa	gctgaccaa	ttaagaaata	300
ccataatgga	gcaatatact	aggactgagg	aatcagcacg	aggaataatc	tttacaaaaa	360
cacgacagag	tgcatatgcg	ctttcccagt	ggattactga	aatgaaaaa	tttgctgaag	420
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atgatttccg	agagaagatg	atgtataaag	ctatacattg	tgttcaaaat	atgaaaccag	780
aggagtatgc	tcataagatt	ttggaattac	agatgcaaag	tataatggaa	aagaaaatga	840
aaaccaagag	aaatattgcc	aagcattaca	agaataaccc	atcactaata	actttccttt	900
gcaaaaactg	cagtgtgcta	gcctgttctg	gggaagatat	ccatgtaatt	gagaaaatgc	960
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ttgtagtgg	tttcaaaaat	aattcaacaa	agaaacaata	caaaaagtgg	gtagaattac	1200
ctatcacatt	tcccaatctt	gactattcag	aatgctgttt	atttagtgat	gaggattagc	1260
acttgattga	agattctttt	aaaatactat	cagttaaaca	tttaatatga	ttatgattaa	1320

tgtattccat aatgctacag aactgacata agaatcaata aatgattgt tttactctga 1380
aa 1382

<210> 3936
<211> 1093
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (258)...(388)
<223> similar to gi3327172 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3936

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ttatcatagc	cttgccctga	aaccctgatt	attgttagag	agttatttcc	acgaagtgtt	180
tgtcagtttg	ttggacattt	gagacccag	gaaatcccct	ttctcgtaac	gatctccgct	240
tggatctgat	ctcaacaggg	tgctgtagtc	attcttcagc	acaattctta	attggagacc	300
aagaaccctg	ggcctttaga	ggtggtctag	caggagagtt	ccaggtatca	atatgaattc	360
acaactgaat	tgacattttc	tttgttttat	gacaaacctt	atgttgcgca	tcatatggct	420
ggaaggattg	gtctgccgaa	ggcttttctaa	gcccaaattc	aatttagtta	catagctgga	480
tttttaaate	aaattttcct	cctctttcac	agtaatttct	gaaggagatg	ctgccaatcc	540
ccccgcgcgc	tgcaagcgc	agcggctcta	ggtatacact	tcacattgtt	tctttgcagg	600
tcgcacagca	ttttaatctg	cgcccgaat	gcacaatgcg	cgcattgctg	tctgccagtg	660
gaagctccat	gaacaaaaga	tagtaattat	gccaataaat	ggtgaaagag	cttttggata	720
tttatccaat	tattttataa	atataatgtg	cttgaaagaa	ttgtccattg	ctgaaaatat	780
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gataaagcgt	ctcctggaca	gataaccctc	ttcagaccaa	acctctcctc	ctgacattct	960
gttctgccat	cttatcgtag	ggagatggtc	tatctaagat	aggtttttaa	aaaaaataga	1020
tttgttcata	aattgggaat	aagggtttgt	tttttgtttt	tgtttttggt	tttactgtaa	1080
atttaaatec	cca					1093

<210> 3937
<211> 2542
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (91)...(758)
<223> similar to gi4138207 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3937

cttagataac	agagttagat	ccaggtgtgt	cctggtgtcc	ttctaggetg	agccccctaa	60
acttggtgtg	aatggtttgc	tgctttcctc	catacttaat	tttcctcttt	gttttcata	120
ataaatatca	ttcaggggaat	tgtggcagaa	atcaacacca	agactggtga	atctgaatgc	180
cgctattata	aagagcggct	tctttacttg	gaagaaggcc	agaaagactc	cctgatcgac	240
agctctcgag	tcttggtgtg	tcattggtgaa	ctgaagaaca	atcggggcgt	gaaactgcat	300
gttttcctct	tccaagaagt	gcttggtgatc	actcgagccg	tcaccacaa	tgagcagctt	360
tgctaccagc	tgtaccgtca	gccaatcccc	gtgaaagacc	tcctgctgga	agacctccag	420
gatggagaag	tgaggctggg	tggctccctg	cgaggggcat	tcagcaacaa	tgagagaatt	480
aaaaacttct	tcagagttag	tttcaaaaat	ggatcccaaa	gtcagaccca	ctcgctacaa	540
gccaatgaca	ctttcaacaa	acagcagtggt	cttaactgta	ttcgtcaagc	caaagaaaca	600
gttttgtgtg	ctgccgggca	agctgggggtg	cttgactccg	agggatcggt	cctaaatccc	660
accaccggga	gcagagagct	acagggagaa	acaaaacttg	agcagatgga	ccaatcggac	720
agttagtcag	actgtagtat	ggacacgagt	gaggtcagcc	tcgactgtga	gcgcatggaa	780
cagacagact	cttcctgtgg	gaacagcagg	catggtgaaa	gtaacgtctg	acagaagcat	840
gtgcacttcg	ggaagcaggc	ctgcatctta	cctgtacagt	atctgcattc	cacagatgga	900
acggtttgga	gaagcacttt	ttcatacttt	tgtgaaagta	tacatgttgg	cccagtctct	960
cgtatctgta	cctttgtccc	tagtactgta	actgccaatc	tgtctgtgta	agctggaatc	1020
tgtggcaact	attaccctgt	gttgattttc	ccaagtgtct	ggatggatgg	agaggtactc	1080
aaacaagtta	ctttcagttg	tcctgctgga	ttttaaaaaa	atagaaaaag	aatctcaaaa	1140
ctactgtttt	acatagattg	tttgaagagt	ccttcctctt	gtgcttctgt	accactttcc	1200
cagctcttag	atgtggtagc	taaaggcacg	gaatttagac	ggccttgtaa	atagggcatg	1260
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aagtgaactt	ggtttgatct	tactcaacta	gaaagcttga	aaacatccct	ggggattctg	1380
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gtttgatgca	agaatgtatt	aggacataaa	atagaggctg	accttaaaa	ggccaggaca	1500
gaagcggctg	ccagctctga	atcttttaact	gaaatgcaca	tggcaccagg	aggtgtctct	1560
catagttggt	tgctagccta	aaacatcaga	atagaaccca	aagggttag	gaaggcctgc	1620
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ttagagaatg	aatgaagcaa	caaggaagag	agaccatgac	tctatcgatg	acactgttta	1740
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agccattgag	agaaaagcat	ggtccagtgc	cttctgagaa	aggccagagc	tttgggcttt	1860
cctgctctgc	ttttgggtcg	tcaatttgcc	atctctgggt	ctgtgctata	atcagaattg	1920
taattatgtt	ctccagaggc	caatttcatt	aactctgatt	aattagaatc	agctagccag	1980
attagtaacc	tctttgtcca	gccttgattt	acagtgcagg	gtaaaagtgc	gaccttaaaa	2040
acagctaagt	acctagaaga	gctccctgca	agtgtaaata	ttaaggatga	cctgtgcata	2100
attataccca	caccagcact	agtggtaatt	attctaaatt	attgccaaaa	agtttttttt	2160
aatctgtctt	tcaagtttac	agaaaagaaa	gcagtaaatt	cattgatgtc	atctttattat	2220
gtacatatat	catgtgcatt	caagctgtgt	gacaagatat	atcaatataa	aaacaaggta	2280
tatactttat	tattttttga	aaacaaggat	attgtgatca	atctttaccct	gtaaaacata	2340
tttctgtatt	tataggtctt	aaacatgatg	aattttttct	attacaagct	tattttaaac	2400
tgctttctca	agtcgttatt	gatacagcaa	gtgaacctgc	tgagacagaa	agcagaggaa	2460
agccaagaac	agcctttact	ggtgaagaaa	agaatgaatg	attctttgta	ggcgccatca	2520
gccactttta	gaagccatca	ac				2542

<210> 3938

<211> 1918

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1919)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (37)...(548)
 <223> similar to gi3850860 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3938

aattcggcat	gttgagagag	gaaagaagct	gggaccaaag	ctctgcagag	aacccaggct	60
gagatccagg	aatgaagga	ggctctgaga	cccctgcaag	cagaggcccg	gcagctccgc	120
ctgcaaaaca	ggaacctgga	ggaccagatc	gcacttggtga	ggcaaaaacg	agatgaagag	180
gtgcagcagt	acagggaaca	gctggaggaa	atggaagaac	gccagaggca	gttaagaaat	240
ggggtgcaac	tccagcaaca	gaagaacaaa	gagatggaac	agctaaggct	cagtcttgct	300
gaagagctct	ctacttataa	ggctatgcta	ctacccaaga	gcctggaaca	ggctgatgct	360
cccacttctc	aggcagggtg	aatggagaca	cagtctcaag	gggctgttta	gaaatatatg	420
gccaaatctg	taacccgga	acagcaaaaa	acttcttagc	aaaggatcac	taagtaccct	480
ttggatgtac	tcttccaacc	agacaagagt	gccagaaact	tggcaagcaa	ttcatcctgt	540
ggaagttgca	aatactggct	gacctgctta	aaaagattct	agagttggcc	ggaggcagaa	600
catgtcaact	ctttgctgga	ttctatttca	tctgctgttg	atactgatct	caatgcacca	660
aggaaaggaa	agatgagcct	cctgtcttcc	agcaacaacc	ctcacatatg	caatgagtaa	720
aggatgaatg	tatggacaca	tctgggagta	ttttaaagaa	tgtatcttgc	cttgtgttga	780
cccaaaccaa	aaacattttt	gaggggcaca	tgtggggtca	aaaagatagc	caatttccat	840
tacatgggtt	tacaatttcc	attcttttgt	gccacgagtg	ttagaattta	aatgaatact	900
tttaciaaagt	ctactttttg	ttcaaggata	tgtgaccca	tatagtttac	tcttaaaatt	960
gtgtcaagg	atttctcact	atactctaaa	acaactagac	ttgaaaagaa	accatttgag	1020
atttgaatct	aatggttaac	gctattcaga	ttttcccaaa	gatcttacct	catgaaagta	1080
gttctgggtc	agaatgatct	actcagttaa	aaaacaacaa	caacaaaaaa	ctaagcgatt	1140
gggaaaaaac	aggaatttta	tctggttatt	gcactctggtg	atagaggcct	tcaaagccta	1200
ttattttctaa	cctaagtaaa	ggccccagtg	aaaaacatac	tggggaaata	aaacctctga	1260
gaaaagggttc	aagcaccttt	tccaaattta	aatcttgcct	taaattctct	ctaccacact	1320
gcctttgaca	ctcttggaag	tccatgtagt	tctctacaga	cagacttcaa	agaaacgtta	1380
ccttatcaaa	gactaatctg	tgccacctct	gattcagtg	tttatgtctt	tcactttccc	1440
tgggaaggag	taaagttctt	ttctacagct	ctgggactat	tacatttaat	tctgctcttg	1500
atagtcaaag	accatggaca	acaactgtca	tctgaaggac	tcttctagaa	gccagagact	1560
ggtgtttgat	ggatgtttta	tactaaataa	aacccatcag	catggggtta	tgtagaaaag	1620
caatttattc	cattttaagc	acttacacag	ttagtcatgg	agagtaacag	gcctgctggt	1680
gaaacaggctc	acccaaaatg	gagatgggca	tcaaactagt	gggtccaggg	acctaactcc	1740
taaaaaaaaa	aaagcaactc	ttatcaagga	ttaatttaat	ttttaaaaca	aatacaagtt	1800
attgattcac	tcttctcaac	ttgacagtct	acctgggtgt	attaactgtc	agggtaaaaa	1860
catacatctt	ttttttttna	aaccanactg	tgggtgggtg	cccaagttaa	aaaaaaaa	1918

<210> 3939
 <211> 1846
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(751)
 <223> similar to gi257452 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3939
 ggcacgagcc ccagccaggg ctgtggctga agaggctctg ggtgctcttg gaggtggctg 60
 tgcattgtgt cgtgggtaaa gtgcttctga tattgtttcc agacagagtc aagcgggaaca 120
 tcctggccat gggcgagaag acgggtatga ccaggaaccc ccatttcagc cacgacaact 180
 ggataccaac ctttttcagc acccagtatt tctgggtcgt cttgaaggtc cgttggcagc 240
 gactagagga cagcactgag ctaggggggc tggcccaaaa ctgcccgggtg gtccgcctct 300
 caggacagag gtgcaacatt tgggagttta tgcaaggtaa taggccactg gtgctgaatt 360
 ttggaagttg tacctgacct tcatttatgt tcaaatttga ccagttcaag aggcttattg 420
 aagacttttag ttccatagca gattttcttg tcatttacat tgaagaagca catgcatcag 480
 atggctgggc ttttaagaac aacatggaca tcagaaatca ccagaacctt caggatcgcc 540
 tgcaggcagc ccactctactg ctggccagga gccccagtg ccctgtggtg gtggacacca 600
 tgcagaacca gacgacccag ctctacgcag cactgcctga gaggtctctac ataattccagg 660
 agggcaggat cctctacaag ggtaaatctg gcccttggaat ctacaacca gaggaagttc 720
 gtgctgttct ggaaaagctc cacagttaat ctggacagat acctcaattc taggtgacca 780
 acgggagggc ttctcaaggc ttagctctcc ctgagacca gctggctttt acccttgacc 840
 tgtgtcccta gctgaatcac tagctcagat tttctgatac taagcaaaca actcccagct 900
 gaggaatgca ggccacagca cccaatcaag acaaattgtt attatcagaa aatgaagcaa 960
 cacttgagct gttcaggcca gttccctggt gaagaaacag ttccctgttg aagaaagtag 1020
 agcctgacac tgctccact ttggagacca cattccctgc acacggtctt tgagagagca 1080
 gttgcacact acaggcacac ttctgaggtg cggatatctt ctccagccac tctgatacca 1140
 agtaattcaa gctggcattc cttctattag ggaaattcat tttacccaat ttgcatttat 1200
 ggaattgatc atttaagaca ctaaattagt ttttagaacc aattatggga agaattccag 1260
 ttgttaggaa gagatgagga gttggaagag gagggattag aaacaggagg aggcagtcac 1320
 cctctccttg ccaaaagatt taaacctgtc cacattgggtg ggtgatgatg ggtgagtttc 1380
 catggttaaca catccctaatt tttaccaggg aagaggagag tactcacttt accatctttg 1440
 aatatatttc atagaaatct agctctctgt accctgaaat cttccactag cctcactttt 1500
 caacagagtc atctagaagg gaggggtggc ttcccaaaaag cataaccttg accaaaccaa 1560
 acaataggca ccagcaatgc tgtcattcag ttatgcagaa gtcattttgt gaaattctgt 1620
 ttctctgatt tcttcgcaag tctcttaatg gtcattttgt ttagattaca tcaaactgat 1680
 ggatagccat tggattcat ctattttaac tctgtgtctt tacatatttg tttatgatgg 1740
 ccacagccta aagtacacac ggctgtgact tgattcaaaa gaaaatgtta taagatgcag 1800
 taaactaata acagaattat taaaatatat caggctaaaa aaaaaa 1846

<210> 3940
 <211> 1762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5)...(708)
 <223> similar to gi1890281 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


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<400> 3940
ggaagcaatt gactgttaca caaaaggcat ggatgccgat ccatataatc ccgtgttgcc 60
aacgaacaga gcgtcagcat attttagact gaaaaaattt gctgttgctg agtctgattg 120
taatttagca gttgccttga atagaagcta tacaaaggct tattccagac gaggtgctgc 180
tcgattcgct ttgcaaaaat ttttaaggagc caaaaaagat tatgaaagag tattagaact 240
agaaccaaat aactttgaag caacaaatga actcaggaaa atcagtcagg ctttagcatc 300
caaagaaaac tcatatccaa aggaagctga catagtattt aagtcaacag aaggagagcg 360
aaagcaaatt gaagcacaac agaataagca gcaggccatt tcagagaaag atcgggggaa 420
tggatttttc aaagagggga aatatgaaag agcaattgaa tgctatactc gagggatagc 480
agcagatggt gctaatgccc ttcttccagc taacagagct atggcctatc tgaagattca 540
gaaatatgaa gaagctgaaa aagactgcac acaagccatt ttattagatg gctcatattc 600
taaagctttt gccagaagag gaactgcaag aacatttttt ggaaagctaa atgaggcaaa 660
acaagatttt gaaactgttt tacttctgga acctggaaat aagcaagcag taactgaact 720
ctccaaaatt aaaaaggaat taattgagaa aggacactgg gatgatgtct ttcttgattc 780
cacacaaaag caaatgtgg taaaacccat tgataatcca ccgcactctg gatcaactaa 840
accactcaag aaggttatta ttgaagaaac tggtaatttg atacagacta ttgatgtgcc 900
agatagcact actgctgctg ctccagagaa taatcctatt aatctagcaa atgtaatagc 960
agccacaaggc accacaagta agaagaattc aagccaagat gacctttttc ccacaagtga 1020
tactccaaga gcaaaagtat tgaaaataga agaagtcagt gatacttcat ccctgcaacc 1080
tcaagccagt ttgaagcagg atgtatgtca gtcttacagc gagaaaatgc ccatagagat 1140
agaacaaaaa cctgctcagt ttgccacaac tgttcttctc ccaattcctg caaactcggt 1200
ccagctcgaa tctgatttca gacaattgaa aagttctcca gatatgttgt atcagtattt 1260
aaagcaaatt gaaccatctt tgtatcctaa gttgtttcag aaaaatctgg atccagatgt 1320
attcaaccag atcgttaaaa ttctgcatga cttttacatt gagaaagaaa agccattact 1380
catctttgaa atcttacaaa gactttctga actaaaaagg tttgatattg cagtgatgtt 1440
tatgtcagaa acagagaaaa agattgcacg tgcattattt aatcacatag acaagtcagg 1500
attgaaggat agttctgtcg aagaactcaa gaaaagatac ggtgggtgat ttccattttt 1560
gctgaaataa ttgtttttga ctttcatatg taaatttttt tctactgaaa gtgttttgct 1620
ttttaagaaa atgaaattat atagcaggaa aggactatct ttgaacataa gttaattaac 1680
tataaggtga attgtgattt aactagttag aattgaattc cacgtgaact ctgtttttct 1740
gaaaataata atccccaatg ag 1762

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<210> 3941

<211> 1428

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1431)...(1137)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3941

```

tttttttttt ttttttttta ccggtggagc tgtttaagcc aaggagttgt ggagatctct 60
gtgatgatcc aaaatctgga ctaatatata atcaactctg atgctaatta aatctgactt 120
ataacttgct tgctaaaaga aattataaca ggaaactttg gtgactggta aggaatgttg 180

```

aaaagggaaa	atcagaagga	aaaacctggt	tcataagaag	gaaggaaata	ttggtccaag	240
cacgtcaagg	gctctaagta	aaaaccgatg	gcactacaat	tccacataat	ccattacatt	300
tggaaaaaga	agctcctggt	agacacaggg	cctctttggg	atattgttct	ttgttctgat	360
tctgtgtctca	ccaggaaaca	aatttcatct	ccgtaggggg	cccgtccttc	agtaggaatg	420
gccctgctcc	taggttcttg	gctcacttgc	caagactaca	atagcactcg	cgtttatcag	480
ttatgcttgt	gtgaagctgg	ttattgcaat	tcattgttct	caaaatactt	tcatgaaaag	540
cctgacctga	gaaaaagcct	tctctgtaat	catattaatt	agaacataaa	tgtctacttt	600
gccataatta	tacaaagagc	ccaaatgggc	aattaactcc	agttggttgc	ttctctctga	660
gccttacttg	ccagctctta	ttaccgcatt	ccagagagag	tcaacctgga	tggagtttgt	720
cccctaaata	aatgtagcga	taaagaaaag	ggtgctccaa	atcagtttca	tcagaatgat	780
aaggtagcgt	actgcagcca	tgtctgcaat	agcacttcaa	ttttactttt	ttttccccta	840
gcatgtcctt	aagcattttc	tccccagctt	ttcacaatct	ttcttctaag	gctgtaatgt	900
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aatgtaacca	aaacaaaacc	atggcataca	gtaaactaaa	agggtagaca	ggagagaaag	1020
gttgctgcaa	gtacagaaaa	tttagaaatc	agcctttacc	agttacatct	gagacaaggt	1080
aaactttcca	acacattgga	atcatcagaa	gggctttaaa	aaatacaact	gccagccggg	1140
catggtggct	catacctgta	atcctagcac	tttggggaggc	caaggcgggc	agattgcctg	1200
agctcaggag	tttgagacca	gcctgggcaa	cacagtgaat	ccctgtctct	actaaaaaat	1260
acaaaaaatt	agctggggcg	ggcagtgtgt	gcctgtagtt	ccagctactc	gggaggctga	1320
ggcaggagaa	ttgctttaac	cccggaggca	aaggtttcaa	ttaaccctaa	ttgggcccct	1380
gcactccagc	ctgggggaag	gagttagatt	ccgtttccaa	aaaaaaaa		1428

<210> 3942

<211> 983

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(267)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3942

cgtcagtggc	gtgatctcgg	ttcactgcaa	gctccgcgtc	cggggttcac	gccattctcc	60
tgccctcagc	tcccgggtgg	ctgggactac	aggcaccac	caccacgccc	ggctagtttt	120
tgggtgtttt	agtagagacg	gggtttcact	gtgttagcca	ggatggtctc	gatctcctga	180
cctcatgac	cgcccacctt	ggcctcccaa	agtgtctgga	ttacaggcat	gagccaccgt	240
gccagccgc	gtgtgggttt	caattgttac	cagcaatcat	gacctttcat	ggactccaca	300
gcattagaag	aacaacgttt	atggccttca	agaactttca	gggtgaagct	atttctctag	360
gatcagcttt	tcatgtggca	gtagccttgg	gcctgtcaca	gccctgtatc	ttatcttctc	420
accaaccctg	gttttagttt	caacagacag	aaatttgagc	cagaagaaat	ggatgtcact	480
acacagttca	cccctgacat	ctgtgatagt	gtatgttatc	actgacatgt	tctcattcaa	540
actatgttat	aagagcaagg	agaaagaagt	aagaaaaatt	tgctatcatg	tagaaaattc	600
tggggaacct	caaataactc	actttatatt	tagcaggagt	ttatgcttca	gagatcatct	660
gtccctgcaa	tagacatttt	atcatggtaa	gggtgtggtc	agcaatagaa	aactatgatc	720
tcagcagaag	tccctctacc	accccatagc	ttagtaattt	tcttaccac	agctagctga	780
ggtagtgtgc	atcccagacg	ctccgcaatt	ggggaaaagg	cttttagctt	gttttgctgt	840
tttctccctt	cttcacttac	aattctttct	ttcaaccact	ggtagcactg	gggaaaagca	900
taacattgaa	atgttaatgt	ctggtaaaga	tctgatgtca	aagaatggta	attcaataaa	960

<210> 3943
 <211> 3603
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(1794)
 <223> similar to gi202864 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3943

ttatgagaat	ggtgaagaaa	ttgtccattg	cgaattagct	gcctataggc	gaaactctgg	60
gctgctggaa	tgtgatttgt	tcagataaaa	ctggaacact	gacgaagaat	gaaatgactg	120
ttactcacat	atttacttca	gatggtctgc	atgctgaggt	tactggagtt	ggctataatc	180
aatttgggga	agtgattggt	gatggtgatg	ttgttcattg	attctataac	ccagctgtta	240
gcagaattgt	tgaggcgggc	tgtgtgtgca	atgatgctgt	aattagaaac	aatactctaa	300
tggggaagcc	aacagaaggg	gccttaattg	ctcttgcaat	gaagatgggt	cttgatggac	360
ttcaacaaga	ctacatcaga	aaagctgaat	acccttttag	ctctgagcaa	aagtggatgg	420
ctgttaagtg	tgtacaccga	acacagcagg	acagaccaga	gatttgtttt	atgaaagggtg	480
cttacgaaca	agtaattaag	tactgtacta	cataccagag	caaagggcag	accttgacac	540
ttactcagca	gcagagagat	gtgtaccaac	aagagaaggc	acgcatgggc	tcagcgggac	600
tcagagttct	tgctttggct	tctggtcctg	aactgggaca	gctgacattt	cttggccttgg	660
tgggaatcat	tgatccacct	agaactgggtg	tgaaagaagc	tgttacaaca	ctcattgcct	720
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caaggcacia	gatgaaaatt	attaagtgcg	tacagaagaa	cggttcagtt	gtagccatga	960
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aaa							3603	

<210> 3944

<211> 2901

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2842)...(1711)

<223> similar to gi3881075 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3944

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catattctaa	cagggtttttg	aaaaagttgc	aagcctttta	attcattgac	ctcttttgac		240
tgattggaat	ttttaccatt	ctgtacactc	tgaattataa	ctaaacaact	acatgttact		300
gacaaatttg	tgattctttg	agtctaaaca	acacagaaac	tagaagatcc	ctttcctaga		360
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aaaggcagcc	ctctgacagt	aaactagtaa	ctggaataac	tacagtatca	ttataagcta		480
caataaaaaca	acctgtaaag	taatttttcc	tatttgaata	ataaatagac	tggaacaggag		540
tgaaaaacca	aaactatgaa	agaaaaaccc	aatgtaaata	aaggatacag	gtcaaaaacaa		600
agttcagaag	gcaaatatgt	aaatattaga	tgctcaaaa	atcaactatc	agtgggaaaa		660
tttctatgaa	agcaatttca	gaaaatacat	gaacacatat	atctttaaaa	tatagaactc		720

taaataacttg	ataacatatt	taggatactc	tacaatgccc	agttaattgc	tataatTTTT	780
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gtaaatatcc	atgataatcc	aaaaatggca	ctgcctaat	gacacagttt	ttaaacagaa	2880
gctaataggc	tacgaaaata	a				2901

<210> 3945

<211> 930

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (346)...(64)

<223> similar to gi1065459 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3945

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gttggcgtaa	gcggcagcgg	cggcggggttc	gggccgcctt	tcctgccgga	tgtgtgggcg	180
gcggcggcgg	cagcgggcgg	ggccgggggc	ccggggagcg	gcctggctac	gctgcccggg	240
ctccccccct	cagccgctgt	ccacggggcc	gcgctgctta	tccactgaga	ccccacgctc	300
agctccgact	gggacggcga	gcgcaccgcg	ccgcagtgtc	tactccggat	caagcgggat	360
atcatgtcca	tttataagga	gcctcctcca	ggaatgttcg	ttgtacctga	tactgttgac	420
atgactaaga	ttcatgcatt	gatcacaggc	ccatttgaca	ctccttatga	aggggggttc	480
ttcctgttcg	tgtttcggcg	tccgcccagc	tatcccattc	acccacctcg	ggtaaactg	540
atgacaacgg	gcaataacac	agtgagggtt	aacccccact	tctaccgcaa	tgggaaagtc	600
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aattactcta	ggtcagcctt	tatcaaccgg	agtcctcat	ctgaactaca	gaacacagaa	720
aatgattgag	tgactcttct	caaatctcct	caggatggta	tgtgactagt	atcattctag	780
atgcagaggg	gagaagttaa	tttattacag	tggtaacctt	tgagaagtgg	ttctcttaag	840
agtgtggccc	tgagcatctg	ggaacttgta	gccgagcagt	ttctggggcc	ctatcttaga	900
cctacaaaag	aaactcatgg	ggttggggcc				930

<210> 3946

<211> 2722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2723)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2722)...(1575)

<223> similar to gi3387942 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3946

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aagaccttca	ggaaggccat	atcccggaca	agaccagaa	gggaagcccc	cagagccaag	180
ggtaggaggg	ccccaccgg	gtctcagcca	ctcatttctc	cagggcggtat	ccgagacact	240
cacaggcctc	agggaggggc	caggtgctgc	tcctggtcac	tgcttcccc	acaaggtttg	300
catgaggagc	agagacagtc	cagtctctctg	aacaccaca	gggcacagag	cccagtgcag	360
ggggcagaca	ccaccgcagc	tcctgggacc	aagaggaagc	tcccagaggg	ggggccagga	420
acgtgtgggt	gggtggacag	ggctgggtag	gggttccttc	tgggccaac	ccccagagca	480
gcagagcacc	ccagtccaag	gaagctcttc	tcagggaccc	aaggctccag	agccaggaaa	540
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ctggcatcag	ggccacacag	gggcccaggag	caggggtctc	ggagtccaca	gctcccgcc	720
ccagtgggtg	gctcagggtc	cctggggcgc	atgggtctca	ccacagcctc	gccagggaac	780
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cacgcgtggg	tcttcccnna	ttncgnngnt	ttcgaaaggc	ntcagtnnn	gnnntcgag			2700
tggattcagg	taaaaccccc	ga						2722

<210> 3947

<211> 1037

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (987)...(415)

<223> similar to gi579930 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3947

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gtggctccag	gcccttcacg	cctctcagac	accacccatg	agggtttagg	aaggtgccat		180
cattctgtga	aggcccagag	cttaccacaa	gttggagcc	caagttgaat	caccaaccag		240
aggggtggga	gaggaaaagg	aaacaggcag	aggggaaagg	caaggctctg	cagtgaaggg		300
gactgatatc	aagggaatgc	tgaggtccag	cagtgtctcc	tgaaggcatg	ctgcatccta		360
aggctcctca	ggactggatg	gagtaggaga	tctgtgtgtt	gagcagttca	catctatatg		420

gcaacttta	ggaggcgctt	gatgtcaggc	tcaatgttga	tggttgggaa	ggtgcggctg	480
tagcgtcgga	agggctctcc	ctccggccct	atgaggaact	tctcaaagtt	ccaggccaca	540
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tggttgaagt	cccgggtggt	tgtgcctcag	agcgaagcca	cattctcaat	cagcacggcc	900
ctgccccgga	acgtattgaa	atctaccttc	tccccatcca	ggctgatggc	actgagggtca	960
tagaaggact	tggcaatgaa	agccatggtg	aagcgcagag	tgagccccgc	agagaggcct	1020
gagcccactt	atgagcg					1037

<210> 3948

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(407)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (39)...(217)

<223> similar to gil90372 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3948

gctgcgagaa	gacgacagaa	ggggattatg	gtgtggagga	agaggaggag	gaagaataag	60
gtgatggtga	ggaataggat	ggagatgaag	atgaggaagc	tgagtcagct	acgggcaagc	120
gggcacctga	agatgatgag	gatgacgatg	tgcataccaa	gaagcacaag	accgacgagg	180
atgactagac	agcaaaaaag	gaaaagttaa	actnnnnnnn	nnngggcggc	cgggacctat	240
tcaccttcca	cttcgggggt	aaaaatctaa	actgggtcac	cttcaagaaa	agaggccccgc	300
ccgcccaccg	gggccagagc	caccgaaaaa	agaccgcgc	ttttcacccc	ccaccctaaa	360
ccatgagaat	ttgcaacagg	ggaggaaaaga	agagcccaaa	cttcgg		406

<210> 3949

<211> 567

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (49)...(424)

<223> similar to gil89498 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 3949
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gagggccaac acccagccca gctgcgtca gacgtgtgca ccccggtgg caccaccatc 180
tatggactcc acgccctgga gcagggcggg ctgcgagcag ccaccatgag cgccgtggag 240
gctgccacct gccgggcca ggagctcagc agaaagtagg ctgggctctg gccatccttt 300
cctgcctctg tgcccctgcc tctccctgtg tcccttcccc tgaggactgc ggctccctcc 360
ctcctgcatg agggctctct actgctcctt ctcctcttgc acagggaaat gcagggggca 420
ggacttggga ggttccagca ggcgggggag ccccgaccag tggggacact cctccctccc 480
cagtgcagcag aagggcaccg tgggtggtggc tctgcccctt gctgcagtga gcccaccttg 540
ctgcaacatt ggttctgagg ggcccaa 567
```

<210> 3950

<211> 1653

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (12)...(426)

<223> similar to gi5104682 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 3950
gcgggccgccc cctccgctct gagccccgcc ccgctcggcc gccgattgct cgggcctggc 60
cgccagcgcc agggggccgat ggccgagcgc gtcgcactcg cgtccctgcg ccgtgcctgc 120
ctcgcgctcc ctgttacggc gttegtcccc gggcctggcg cccgcgtccg gcccggtccc 180
gcggcgccct ggtccgatgg ctctcagcg gagggccgca accaaggcgc ccgagggcaa 240
cgagcgccc gagcgccgga accggagcag caccaagaag gaccgagccc cgcgggaggt 300
gcagaggctg tggcagaggc cgtggctaag gaccgcgggc ctgggggctg gctttgtgct 360
caccgcactc ctgctctgga gcagcttggg ggccgacgac ggggtcgcag aggtcctggc 420
ccgccgtggc gaggtcgtgg caggagatt catcgaggtg ccctgctctg aggactacga 480
cagtcaccgc aggttcgaag gctgcactcc ccgaaagtgc ggcagaggtg tcaccgatgt 540
cgtcatcacc agggaggaag cggagcggat tcgcagcgta gctgaaaagg ggctctccct 600
gggaggatct gacggagggg catccattct ggacttgac tcagggggccc tgtctgtcgg 660
gaagcacttt gtgaacctgt acagatactt cggggataaaa atacagaaca tcttctcaga 720
ggaggacttc cggttatacc gggagggtgc gcagaaggtc cagctcacca ttgctgaggc 780
ttttggcatc agcgcatcct cgctgcatct gaccaagccc accttcttct cccgcataaa 840
cagcacggaa gcgcggacgg cgcacgacga gtactggcat gcgcacgtgg acaagggtgac 900
ctacggctcc ttcgactaca cctcgctgct gtacctctcc aactacctgg aggacttcgg 960
cggagggcggt ttcagtgtca tggaggaggg tgccaacaag acgggtggagc cgagagctgg 1020
atgtttttgt ttccggatga tgtcttgtgg gttccaagaa gttaatggac cgagagccag 1080
tgaagctgct ggtgcgaagg ctggagtcag gtgtcctccg gggactcacc acccgctccga 1140
gagggggagag acacatgcga ttctggaagc tgagagcatt gcttattgtt gattccttgg 1200
ttgccgtgct gagtcctgct ttaaggaagc aggtcgcgctc tccttcttca cctcggggtc 1260
```

cgagaaccta	caccgcgtgg	agaaggtcca	ctggggcacc	cgttacgcca	ttaccatcgc	1320
cttcagctgc	aaccccgacc	atggcatcga	ggacccagcg	ttcccgtagc	cagcagccgg	1380
gccaaagtaa	cttcaggagg	gcccgtgtgg	aggcagccgc	gccagtcgtg	cacccacccc	1440
cacgtccacc	cgctcctggt	gcacagagtg	ccttaggaat	tctctgattt	tgatttgctg	1500
acgtgttaat	cttttcatct	gtgagtaa	gaagggaacc	agcttttcac	ttctccagca	1560
tcatgtgtgc	ttgggctgta	ggcctgggag	cctgaggtgg	aggccaggaa	agggacccag	1620
caggacgggg	cacaagtccc	catctgtgaa	tgg			1653

<210> 3951

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (749)...(547)

<223> similar to gi607947 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3951

tttttttgat	ttataaacat	ttttaatgac	tgtgttaaaa	aaccatcata	caaaaagaaa	60
agaaagttgt	tttcaactta	aaaaaaatcc	ttatataatg	taccactcat	ctgggatatg	120
cttctgggag	ggggacactc	cctgcttggg	ctgcagcaga	aggcagtggg	gagaaagtct	180
taaagtctctg	ggagtcaggc	tagccctcc	tgcaggtgtc	ctcattgccca	cttcttggtc	240
cctgggggtca	agggttaaag	gtgccaaaag	accactgat	cgaacctgag	actgttgaga	300
tgtcctgttc	ccaacagaga	gtatctgaac	tccagaaact	tccctctcag	gcctccactc	360
ccccctcctt	tgtactgtgc	atcctactct	gacttccgtg	gctggggcag	atcaaagtga	420
cattctcagt	gtcccctggt	aacaacctct	cccttgcttc	tgatttgcca	ggcacagaca	480
aagctgacaa	ggccttcttc	caggaggctg	ctctgctttc	tccctctcta	ccccagcttt	540
tggctcctgg	cttctctgga	aagccacagg	actccaccag	cttctctctg	ccaacagttc	600
agtcttcagg	gctggagctg	cagggtctgc	ggaattcctg	tccatactca	tgtatccact	660
tgttgccac	ccacttatct	cccaccagga	caggacagcc	agcatgaagt	gtgtcactgt	720
ccccttcacc	actcctgtgc	aggttcca				748

<210> 3952

<211> 1850

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1848)...(1252)

<223> similar to gi3882183 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3952

accacttgct	tttgccaaata	caacaaaata	tctgtaaatt	atgtagtgct	caataaagtg	60
aatgtaagtt	tataattgaa	acttcattca	cacaaaaaaa	tggtctttta	ctagcaaaac	120
tgaatattac	agcttttcaa	ctatattcta	aataaaaaata	attaaaaatc	aattcaaaaa	180
attcagaata	agtgttttat	ttttttaaat	ctcacaaaaa	ctgaaactac	catttacatc	240
agttgtaata	gcaataaaaa	ttagaaatca	atgtgtata	actcttgaaa	acatttataa	300
aaacaaaatt	aaccaaaaaa	taaacaaaaa	ggtaaaacta	agtattcatt	ttaaattaaa	360
gataatctga	ctccttatga	catacccact	tgcagatgta	taaatagcag	atgcattcaa	420
aacagtgcaa	gatttaatta	atntagga	atattccaat	caatcccaat	gcaggtttta	480
aattactcgt	gcacgtttat	atagaatcat	aaaaataaac	ctctaataatg	taatcagctt	540
atagccaatt	cagaaaactc	cacaccaata	caacaactgt	ggaaatcatg	agatatgact	600
ggggggagaa	aagcaaaacc	tagcatcaaa	agtgcata	ctcattgtaa	ctacaatctt	660
actatatatt	cctacttttg	ttttaaaaaa	agttttcttt	aaactatatg	tctcaaaggg	720
atactaaagg	tataatttca	tattcttttt	tgaattttaa	aaacatatac	gtaatcctcc	780
tttgtttttg	taagttcaaa	tatgaattga	cagtggggta	attggattgt	ggattcttta	840
agaaagctct	aagaagagaa	tacaacatac	tatatcttct	ttaagaagta	tgagctgaaa	900
tgtaggcat	tccttgatt	gtttttttaa	tatattttaa	gaatgctgtt	tttgtaaaac	960
catggctttg	aaaaagaaat	ctgagatcaa	aatacattac	tagaagatct	ctataaaagg	1020
tcaccaagac	tatccttggt	tgtgaaatca	gggaaaacat	ttttagaatt	tatcttggtta	1080
gaaaaaatgc	taccactttt	cattcttttt	cttctttctt	attatcacaa	ttaaacacca	1140
aaagattttc	cccaaataaa	tactgatgta	aatgttgact	tcaaggacaa	agaactttca	1200
taagagtcta	tttctcaggc	atttcaccat	ttcttgagac	cacaggacac	aggcagcact	1260
gtttaatgtg	aattgtcact	ggactccggt	gaaatattcc	ttctgggaga	gtttattggt	1320
acctgaagct	cactggtaga	tgtaggttta	gcagcatttg	gtggctttgt	agaggaatta	1380
ggtggaagtc	tatgacgatt	actctcctca	ccagaagtag	aggaatgtct	tttcttcca	1440
aattcatcac	taatagggg	atcaacacgg	aagtcttcta	acctcttaaa	actacagagg	1500
tattcctgaa	gttttggtc	aatagactgt	gtcttagatt	gagaatattt	caaataagcc	1560
caaaactttt	ctagtccata	cagctgacca	gattcgtagt	cttttttggt	ttctcttggt	1620
aaatcctgaa	aaatttctcg	cctgaatttt	ttttccagtc	cataactata	aaacctgaac	1680
agacattcta	accataacct	gtaattttct	tttgcattct	cccaagcaag	ttgtctaaat	1740
tcctcataca	tttttttatt	gaagtgatct	ctgaggaaaa	aggaccagaa	acgaaagagg	1800
gtattcattt	cttgggactg	accaattccc	aagcgttttc	cctcgtgccg		1850

<210> 3953

<211> 1790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1791)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1759)...(1283)

<223> similar to gi3650031 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3953

tttttggtatc	tgcacacaaa	tgtggtgcat	gacagtaact	gatgatgtag	acacatgggc	60
ccttttgggag	ctgatatttt	tttcaacctt	gctctgcttg	ttggctagta	gacacacgag	120
tcaaatcttt	ctacctaagg	gcatagtgtg	gttcttgga	taagtacac	ataggagaag	180
tcggatctga	gctcttttgt	cacacaagt	ctaacgaaca	gaaaatgagc	cacgacagtt	240
aaacactgaa	tggatcgcaa	tgtgcttttc	ccttggtttc	ccataaaaac	gaaaatgaaa	300
caccttgtgc	aaaaaaatag	gatacgcttt	tactggttgg	tttaatgaga	gagaaccact	360
tttggccatt	atcaccttac	gttactacaa	atcctgaaag	gaaagcagct	ttgagtcttg	420
ggctcggctg	aacccccctg	atggaccggg	gctaacagta	ccctctatga	ctccccacagg	480
tctctctttg	tgtccagatg	gatggcgact	gtgagtcagc	aacgccagcc	aagacttcct	540
cgcctttacc	gtggcattgg	ggcagttttt	caggctctct	acggagagag	aagtgggcca	600
gtaagggaga	gggctagaga	gaggacacca	gtttacatag	ggttgacttt	cacttgtgtg	660
tagtagcagt	tcagaattta	aaagaaattt	ccttgcagaa	agaatgtctt	cctcttggcc	720
cctcttaatt	ttttatgttt	ttatttattt	ttaatctttg	gcagcataga	actgattgtg	780
gtcctccgat	gcatttcttg	tgtcgagaac	ttcctttctc	aacctccctt	tccccatag	840
ccatccccac	aagctgtccc	atcaaggaat	atttcagggtg	taaaactgaat	atgccacgag	900
gectectctt	catgaagtgc	ttggttggcc	tacgtatggg	tggcaggctg	gacacagctg	960
aatcgtcttt	ctgggtcacc	ctgtaaccca	agtccccctt	cccggtctct	cccaacgcta	1020
cttatccgca	ggaattggat	gccggctggc	ccccctgatg	gttcttggcc	taggggctgt	1080
catggcagag	ggaagccacc	aaggtgccat	tgaggattgg	tgtctggctc	tctatgggca	1140
agagcgccag	gggacacaca	gtgggaccgg	aaccttcag	aatgtctcct	cagtcagggt	1200
ttcaaggggg	agggaaatgcg	gagacaggag	aaaaaaagtg	ctgagggcca	aagctggtgc	1260
aggggtgacgg	tgcgtctggg	taaggcaaat	gagaggcagt	gaggtgatct	cagaatggcg	1320
ttgaggcggt	cagattaggc	cgggctggct	cacacgaggg	tcccgggctt	ggctttttcc	1380
tgcccgatcc	actggacatc	agctagtctt	ggatagaggg	aggaatccag	gaaacagcta	1440
tcattgtagc	tcccagctctg	ccagggttagg	atgtggtggg	ggctgcttgg	gggggtggct	1500
ccaatttcac	ttgacgggtg	cgagcttctc	tggcttttag	gtaaggcagc	tgacgtggcc	1560
ttgcacatct	ggggcatcct	ggtgaccctg	ctgtgcgcca	cgaagggtgct	ctgggaggag	1620
gtgctgtact	gcgagccgct	gtccgaggag	gtggagctgg	tgtgcgacag	gcggctgtgc	1680
tccttgtgcg	aggcggtgga	acgctggtac	cactggcgca	gctcgtctga	gacggcggct	1740
cgtgccgaat	tcctgcagcg	ctggtcaatg	cnngtcaatn	cncggtcctt		1790

<210> 3954

<211> 641

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (642)...(115)

<223> similar to gill171130 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3954

tttttttttt	ttgtgtccca	gccccacttt	attttcgaat	ttaaaactca	gggtcaattc	60
ctgggggttcc	caggcaaccc	tccctcgagc	ccactcacta	ggggccagcc	ctagatcttg	120
aaggccaagg	tgagtccatc	gcccgggg	aggaggctga	tgtagaccct	gacgtcccgc	180
cggatgcgtt	cgtttaggtt	tcgcacacac	tcggccgcca	cgtccccctt	cggagggtgc	240
agcaccttcc	cgcgccacag	gactctgagg	acggcgagga	tgctccggg	tcgcagcagc	300

tgcaggcagc	gctcgtagta	ggcggagcag	ttctccttgt	ccgcatccac	cacggccacg	360
tcgaaggtgc	cggcctcgcc	cgccgccagc	agctcgtcca	gggtctccaa	ggcggctttc	420
agccggaggg	tcgattcttg	tgctccgcct	cggcctgcgg	agggagcggg	tcagccgttg	480
cgcccccgcc	tggggctgca	gagctaggcg	cgggcgctca	cctgcctcca	caggggccgt	540
cccagctccg	ggggctgcgc	gtccacctcg	caggtcacca	cgcgcccgtc	cgcgggcagc	600
gccagggccc	aggccaaggc	agaatagccc	gtgaagtgcc	c		641

<210> 3955

<211> 970

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (969)...(410)

<223> similar to gi532822 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3955

tttttttttt	ttcccatagt	tgctttttatt	tttccttaaa	aaaaagagtc	cattttctta	60
tacagacatt	cattttatgta	agaccacat	caggcttttt	ctaaagtgcc	aaaaccctg	120
caatcccat	aacttcaggt	gagaattata	atgggcagaa	gaatgtatca	actaaaatac	180
tcaaggccat	ctcaaattcct	gaagagtccc	tggtttctgt	gacaaggggg	aattttgcta	240
gcaaataagt	aaaatccagg	taaatatgct	ctaaatcttc	atcttcaggt	tcttaattct	300
ttaacatatt	gtatcagatt	ttgtattcaa	atctaattat	attttgtaaa	aaatgtttta	360
aaaattccta	gataaaattt	tcattcatta	attttctatt	ttattctcta	tacccttctt	420
tgtttagtct	gtcttctttt	ctttccacaa	attcccaagg	acaatcccta	aaaaaactat	480
tagtcccagt	gttcggttgg	agataaattt	attccaacaa	tcctcaggtc	tgtggatgtc	540
tagagtgtaa	atctggtgag	tcagatgggc	tcctacagca	cccagggcag	cgtagtaggg	600
agcagtctgt	ccactgttca	caccactag	gctcagtgcc	cccagcattg	caacactgaa	660
gccgctgagc	cacggcttgg	tattttctcc	gaaccgcaga	gccgttgact	taagaccaat	720
caaaacatca	tctcttttgt	cctgatgggc	ataaatagt	tcatatatta	gtgtccacat	780
aactccagaa	aaataaagag	gcaggcaaac	agatggatca	caggaaccct	tgatagcaga	840
ccatccaagt	aacgctcccc	aattaaatgt	caagcccaag	gctagttgag	gccagtatga	900
aattcttttc	attagtgggt	aggtgatgac	aagaagtaag	gatcctgctc	ccagagctat	960
actgtagtgt						970

<210> 3956

<211> 896

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (319)...(349)

<223> similar to gi3874290 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3956

actcagccaa	aaaaaaataa	tgaaatctta	tcttttgcaa	caacatggat	ggacctggga	60
ggccccatta	agtgaagtta	atgatacaga	aagtccaaaa	acccacatgt	tcctccataa	120
gtgggagata	aaccaatgtg	taccacctgg	acgtggagag	ccagaatcca	tagaccacta	180
gagccttcaa	aggtggggag	tggggtgaga	gatggggaaa	gtatttacta	gggtacaatg	240
tatactatth	gggtgaggg	atactaagcc	cagatttcac	cactatgcaa	tatatccctg	300
taataaaaagt	gacataaaatc	cataaaaatt	acaaaaagtt	gctcaaaaaa	gattggtagt	360
cagaagctga	attctagatg	tgctttttca	actatctcat	tttgtaaagt	tagtgtagatga	420
atctcaaaat	ttaacaatag	acaattttta	aaataccaaa	ctgccaaaat	taaaagaaac	480
cgtctttttta	aatatccaag	ttttttggcc	aacttggtc	tactacttga	ttttcaaagg	540
gatttagtgt	tactcatcca	cagtttaatt	gttttgtcat	tttctaattg	tgctgatgag	600
atgaggtttt	ctgtaggatg	acaagctgct	gagatcacaa	catctgtatg	gccttgtaat	660
ttctgcacaa	tctcttttagt	ctgaagggtc	caaagttaaa	ccagggttatc	ctcggaacca	720
gacacaatcc	actttccacc	agtaactgaa	aaattggcaa	atatgcaata	tttctcattc	780
ttatgaccag	tgtatgtttt	caggcacctg	cctctgctat	aatcccatag	tttaagagtg	840
ttgtccaaag	ttgcagttag	aatggaatgc	cctcaaatgg	atatgggtctc	atgggg	896

<210> 3957

<211> 1121

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (489)...(782)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3957

tcgggtgcag	accaccagat	cacacagtgg	gaccttggca	agtggagcgg	gacctgagg	60
cgggcgacgt	ggaggccgac	cccggactgg	ccgacctccc	gcagcagctg	ctgttcgtgc	120
accagggcga	gaccgagctg	aaggagctgc	actggcaccc	gcagtgccca	gggtccttg	180
tcagcacggc	gctgtcaggc	ttcaccatct	tcgcacccat	cagcgtctga	ggcgtccac	240
tggctctgat	cttgcttcct	gcttggaaac	tgaagtcgaa	ttgggctccc	ctggaagggg	300
ttcattcagg	tctgttgact	gagactggcc	ggcctgtggg	ctgccgtgat	ggattctgtt	360
tgacgtattg	ttctctagaa	ggcctggctc	tgatccagtg	acccctctca	ccaaagaact	420
cgggttaacc	agggctctgt	aagaccactc	ccaccagag	acttgtgtgg	ctgggtgtgg	480
cctgtgtgtc	ggattccttc	ctgtcagctg	tgacccattt	gacctgtgtc	cccagaaccc	540
agttttttgt	ttgtttgttt	gagacggagt	cttggtctgt	cgcccaggct	ggagtgcagt	600
agcacgatct	tggtcactg	caacctccgc	ctcctgggtt	aaagtgattc	tctcagctca	660
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ttagtagaga	cggggtttca	ccatgtttgg	caggctgggtc	tcaaattctt	gatctcaagt	780
gatctgtccg	ccccggcctc	ccagagtgtc	gggttgggat	tacaggcgtg	agccaccgag	840
tccggctcag	gacccagttt	tggctgtctg	ttcccagcag	gggactcggg	ggatatacag	900
tggctgcacc	aaattggagg	tgtgggttcc	tccaacacaa	tttgcttctg	cccgttgtct	960

```

tctgtccagc tgggtttggc caggatttct ccgtgtgggg gctacatgcg accctctccc 1020
ctctccctg acttttagagg ctggtgctgt gtcgggagga aggtcagggc tcctgagcag 1080
caataaagga ccaggaagag gcctgaggtg taaaaaaaaa a 1121

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<210> 3958
<211> 1245
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (285)...(561)
<223> similar to gi3002527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 3958
caagcagtgt aaattaaaaa actacattga gatacatcat agtgaatatg caaaacatca 60
ataataaaaa gaaaaacctt aaaggcagct ttaacagtat actgaatgac caatatactc 120
agcagccaca gaacctctat tcttttaaag catccatggg acatttatag aaattgacta 180
tgcactggac tataagcata tgcaataaaa tttaaataga ctgaaaccat atgagtatat 240
tcttttgcca caacacaatt aggctagaaa tgaacaacaa aaagataaca ggaaaatctc 300
tatatatcag aaattaagag atgcacttat ttattttttg ttttttggga gggagtctca 360
ctctatcacc cgtgcagtgg cacgatcttg gctcactgca acctctgcct cttgggttca 420
agtgattctc ctgtatcagc ctcccaagga gctaggatta caggcgtgtg ccaccatacc 480
cagctaattt ttgtattttt attagagatg ggatttcacc atgttggcca tgctggtctc 540
aaactcctga cctcaaataa tctgccagcc tcagcctccc aaaatgctgg gattacagat 600
gaagagatac acttctaagt aatctatatg tcaagtaaga caaatgaaa ttagaaaata 660
tttttaagtc aatgatatta aaccatacta cacatcaaaa cttgtgggat gcacttaaag 720
cagcatgtag agggagatta tattcataaa tgcttatggg agaaaagaag gaagtctgta 780
cattatgtag ctatgcaccc atctaaagaa gttaggaaaa tgacatcaag tagaacatca 840
aaagaaagaa ggaaaggata acttaaaaca gaaatgaatg aaataaaacc agaatagaag 900
agacgatcta caaatccaaa agttggtttg ttgaaaatac tagtagagct gacataacctg 960
tgggtgagact gatggaaata atgcagttac aactaaccaa tatkataatt ggaaaggaaa 1020
tcactatagg tgctgtaaaa attaaaaaga taatagaata ttatgaacaa ttttctgcca 1080
atattattga aagtttagat aaaatggaaa attcatttaa aaatataatt tgacagtatt 1140
atgttatgtg aatactataa tgataatcct gtaatcatta aatgaaccag tagtttaaaa 1200
tttttccata tagggaaggt cagggccaga tgtgttcaat ggttg 1245

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<210> 3959
<211> 1481
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1482)

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<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1373)...(360)

<223> similar to gi1293846 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3959

acgcaccaaa	tagagttttt	tttctctttt	taaaaactct	atttggtgcg	tgcccacggt	60
gctgcgtccc	gtcagacata	cctgtataga	tctctctatt	tatatatata	tatatatata	120
taaaagggtc	tttagcagtt	aaatagattc	caatatgaac	gtctcccagg	acaaagctgc	180
gtctcgcttc	tgggtcacac	gcatctgtgc	ggctgggggtg	tatgtgccgc	gtcacagcag	240
gtaccatata	aatacgttga	tttgaacgca	gtttccctgt	gggtggtaaa	aacacattcc	300
tgacaagtga	caaagcagaa	gagtcgggca	gctgcagcgc	cctcactcgg	ctgggacctc	360
gtacttgaag	atgacgctga	agagccggcc	gcccagccgc	tcggccagcc	acgcgttctt	420
gatgacggcc	agcttgaggc	tctcgacgcg	cagggtgctg	tggtagtttg	tgtggacagc	480
acggccccatg	ccctcgatga	ccaccagatc	cgcgccacgc	tcccgcacca	gtgcggccag	540
ccccttatcc	aggcggctga	ggtcgaggca	cggggagctg	gagcccgctc	gcaccagcag	600
cagcctctct	tcccggagcg	cagagtgcac	gacagggctc	atgcccgcaa	tacgtctctg	660
cacgatgagg	gactcgctgt	gggtcacgtc	gttcagggcg	gggcctgagt	tgcacgccag	720
gatgacctct	gtccctctaa	ggagtagctc	cctgacaaag	gggaagactc	ccaaaatgat	780
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ctgaagccac	tcgctgtagg	aatccacgag	ccagggtctt	tcttgtaact	tcctctttgc	900
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gtcgaagaca	ttccccgcca	ggaggccttt	caccagcgcc	agctgccgtt	cctcccagcc	1020
cagcgcgtcc	agggagcgca	cgaccccggg	gaagcacctc	agcgccacgc	cattctcccg	1080
ctgcttcact	ttggagtagg	gatccgggaa	gttgaactcg	ttcagacagt	gtcctctggt	1140
gtccagcagg	ctgcgcacgg	tcagggtccc	ataggcgaag	ggctgctgcc	tcagggtctg	1200
aagcttggtc	cagtacttct	gccggaactt	ctccatccta	tcgcctgcat	tcacacagtg	1260
tggttggtg	gcctctgcgc	gttacaaaac	cccgttcagg	gcgtcctcaa	accagggtcag	1320
gcagtatttt	cgggacagag	agtcacgcga	taggtgcccc	gtgtagggca	cgtaggaggg	1380
tgggtacagg	attagcgcca	ggtctatcag	tggcatctcc	agccgggtccg	aattccagca	1440
catggactat	gttatcaaaa	nnaggttata	taattttttt	t		1481

<210> 3960

<211> 1665

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (334)...(52)

<223> similar to gi4584215 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3960

atcgagaccc	ctgtcgagtg	tgcgggaatt	ccaggtcata	ttgttcacag	agatgattat	60
aaaatgcttt	ttatgactta	caaaagaaag	cttagaatat	tcgttagaaa	tgccttatca	120
ctgaacactt	agcgtttttc	tgtttcttga	ttctaaaaca	gtgatgacgc	tgatcatggc	180
attaatgaag	tgtgatcta	ctatatTTTT	tagtttaata	tgctgttta	ttcgggttaac	240
agtataaagt	aatcattctg	atctggcctc	tttttgtttt	ttttcccat	ccctccattt	300
ttgccgcttc	cgttttgcaa	acatcagatc	cgagatgagt	ggggcaatca	gatctggatc	360
tgccttgggt	gtaacaagcc	tgacgatggg	agtcccatga	ttgggtgtga	cgactgcgat	420
gactggtacc	actggccctg	tgttggaatc	atgactgcac	ccccagaaga	gatgcagtgg	480
ttctgcccc	agtgtgcgaa	caagaagaag	gacaaaaagc	acaagaagag	gaagcatcga	540
gcccactgac	gactcccgag	gggctggacc	aagcgggggc	agcccgggct	tcttccctgg	600
cgcctctgga	agggagctgg	tgcaagtctg	ccgtcacatc	cacccccaga	tgctgtgga	660
taaagaaccc	aggaggactg	aggctggaac	acaccgcgca	cctggattgt	tcactccgga	720
gccgccttgg	cctgtggctc	cgtggcagtg	cgacagaagg	aaactcaagc	agaggcgtgg	780
cctgggggct	gcccctcctc	cacttctcta	ataccagtga	caagtattat	taataaagag	840
cgtacatctt	cccttttgat	ttcctttatt	ctctccaggg	ccttttcatt	gagggtattag	900
atgagaagat	aatgtacaaa	ctgcctcaac	tgtaatttaa	ggatgataga	gtctgtatac	960
agttttcagc	ccctttccct	ctatagtaag	ataatcagaa	taacataaaa	gaaaactcca	1020
gttgaggtac	cggtaaatat	ttttgtgata	agaatatatg	aagcttccct	ccttcccccg	1080
tttttagtac	taacatgtaa	aatgttcagg	cttttgtgaa	ataccttata	ttttttaaga	1140
aaaagggttc	tatcatgtcc	tgtttgcttt	tgtgcaaatt	atttttgttt	aatgtatttt	1200
atatcttcgt	tgcatcttaa	ttttgccctt	ctttaaactg	ctggagtctc	ttctcactgc	1260
ttgtacattt	catcaacttg	tataaaaact	cttcagacta	aaagattgcc	cctaattgtaa	1320
ataataaata	tttatgaagt	agttattttt	taaattttta	tcgtgtttta	ttctggcttt	1380
ctctgaaatc	cactgtgatt	tcagccaggt	ctgtaatgac	gctggacaga	aacaaggcta	1440
gagaaaaagc	catcgttcaa	agaaatttcc	cttgagctca	gcctgcgcag	tgcccggaaa	1500
catggtgggg	aaagggcccg	agcagttgga	aggaaaacaa	ggcaatttaa	atttagagtt	1560
tatgacttga	agttgttttg	tttgttgtct	attttgtttt	tgtaaatttc	tttgacagac	1620
ttttactaaa	aggacatgta	gtttccatga	aagccaaaaa	aaaaa		1665

<210> 3961

<211> 2478

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (249)...(645)

<223> similar to gi330953 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3961

cttgaagaag	aacctggctg	acgaggatgc	tgtgtcttgc	ctgggtgctgg	gcaccgagaa	60
caaggagctc	ctgggtgctt	accccagagg	cttcaccatt	ttagccaagg	atgcagtgc	120
cagcctttgc	tttgcccggt	acgggcggga	ggacaacacc	ctcatcatga	ccactcgagg	180
tgggtggcctg	atcatcaaga	tcctgaagcg	tacagcagtg	tttgtagagg	gaggaagtga	240
ggtgggtccc	ccaccagccc	aggccatgaa	actcaatgtg	ccccgaaaga	cccggcttta	300
cgtggatcag	acactgcgag	agcgggaggc	tggcaccgcc	atgcaccggg	ccttccagac	360
agacctatac	ctgctgcgcc	tacgtgctgc	ccgcgcctac	ctgcaggccc	ttgagtccag	420
cctgagcccc	ctgtccacga	cagcccagga	gccactcaag	ctgcacgccg	tggttcaggg	480
ccttggcccc	acctttaagc	tcacacttca	cctgcagaac	acctcaacaa	cccgtcctgt	540

cctggggctg	ctggtctgct	tcctgtacaa	cgaggcgctc	tattccctgc	cccgggcctt	600
cttcaaggta	cccttgctgg	tgccagggct	caactacccc	ctggagacct	ttgtggagag	660
tctcagtaac	aagggcatct	cagacatcat	caaggtgctg	gtgcttcgag	aaggccaaag	720
tgcacccctg	ctgagtgcgc	acgtcaacat	gcctgggagc	gaggggctgg	cggccgcctg	780
agacctgagc	tgctgtgaaa	gcccctgcac	aatcagccag	ggagaactgg	gcgggtttag	840
tggtcccgag	cccactcctc	atgcagcagt	gtgctggggc	gacagctcgt	ctccccctctc	900
ttaagcacc	gcttctctac	cacccccact	gttgggccta	tagtagcagg	ttagttagta	960
cctagggcgg	ctcaactcct	cccacagcac	caaccagca	tggtcccact	gaagtcctac	1020
tacgcctctc	cctccccagc	cttttccaga	aaccatactg	ggctcagatc	agagctccga	1080
agcgggtcaaa	gtgagctgag	caggacaggc	ccagcctttc	tccactgcca	cgtccctcat	1140
gcacatcact	catctcctgc	tgccaggccaa	ggccaaaatt	gggctagtcc	tggccaggga	1200
aatcagaagc	tcttcttggg	tgagattgag	cctcctggtg	ctccctggag	ttccggaggc	1260
tgggctgcag	cccactcagc	ttgcgggcaa	aatacgtgct	ctcctctctc	cttgtagct	1320
gagcaaaccc	agggaaatagc	cctcctctcc	ccaggaaact	tctctgaaat	cttagactta	1380
gccagtctta	ggcctacgat	gccacacaaa	ggttgttcag	ggagaagggg	gtgcaggagg	1440
cagaggggtgc	cccgcaggga	gctggtggct	ccagccccac	tagagctcct	aaagatcaca	1500
cagcagctgc	tcctgacagg	gatgctcatg	cccagaaagc	aagcccagga	gaggaaggca	1560
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agcaggaaa	gcggggcctt	tcttgtcata	gctatttctg	aggatgaaat	gggagacata	1800
tgcccagcac	ctgatgtgag	tttatataat	gtaattattat	gtacctacca	ctaagaaata	1860
catgaaccgt	gccatgagga	cagtaagtgt	tcataaagca	acatgaagca	agaaacagtg	1920
caggggtgcc	agtgcacaca	ctagagagaa	attgtgaaca	ttaaggacaa	ggagaattgg	1980
tgtctttcta	aaacatactt	atttaaaaac	acatacccac	ttactaatgt	ggaattacac	2040
agtttgtaac	aagaaaacag	tctctcccat	tctctagtac	tgctccccta	cccagcagtc	2100
acttccagtt	cattcagcta	ttttttaa	gtgcttatat	gactcttgct	tgatatatca	2160
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tactttcttt	ttaatggagg	taatgagttg	ccctgagttt	ctcatttact	ttgttttctg	2400
atggactgat	tgctaattct	tcctccacca	tctgacagct	cctctttttt	ctagacagct	2460
tccttcatcc	cctgcttt					2478

<210> 3962

<211> 2105.

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2080)...(1787)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3962

caggaagaaa	accatgctgg	caccatctct	gaagcagttt	tccttacgag	tggagatttt	60
gccatcctac	attccagtga	gggtggctga	aaaaaatcct	atgtgctgga	gaatctgtac	120
agacgtctga	gactcaaaat	gtgaccctga	ctagaaaagg	atccattttg	aaaaaccagg	180
aagacgcttt	tggtgcagag	ctgctccgtc	tcaagcagca	gccactcttc	agcttggtgg	240

actttgaaca	ggtggtggat	cgcatctgca	gcactgtggc	tgagcatctc	tggaagttga	300
tggtâgaaga	atccgattta	ctgggtcagc	tgaagatcat	taaagacttt	taccttctgg	360
gacgtggaga	actgtttcag	gccttcattg	acacagctca	acacatgttg	aaaacaccac	420
ccactgcagt	aactgagcat	gatgtgaatg	tggcctttca	acagtcagca	cacaaggtat	480
tgctagatga	tgacaacctt	ctccctctgt	tgcaattgac	aatcgagtat	cacggaaagg	540
agcacaaaga	tgctactcag	gcaagagaag	ggccttctcg	ggaaacttct	ccccgggaag	600
cccctgcctc	tggctgggca	gccctaggtc	tttctacaa	agtacagtgg	ccactacata	660
ttctcttcac	cccagctgtc	ctggaaaagt	acaatgttgt	ttttaagtac	ttactgagtg	720
tgcgccgggt	gcaagctgag	ctgcagcact	gctgggccct	acaaatgcag	cgcaagcacc	780
tcaagtcgaa	ccagactgat	gcaatcaagt	ggcgcctaag	aaatcacatg	gcatttttgg	840
tggataatct	tcagtactat	ctccaggtag	atgtgttgga	gtctcagttc	tcccagctgc	900
ttcatcagat	caattctacc	cgagactttg	aaagcatccg	attgggtcat	gaccacttcc	960
tgagcaatth	gctgggtcaa	tccttttatcc	tattgaaacc	tgtgtttcac	tgccctgaatg	1020
aaatcctaga	tctctgtcac	agtttttgtt	cgctgggtcag	tcagaacctta	ggccccactgg	1080
atgagcgtgg	agccgcccag	ctgagcattc	tcgtgaaggg	ctttagccgc	cagtcttcac	1140
tcctgttcaa	gattctctcc	agtgttcgga	atcatcagat	caactcagat	ttgggtcaac	1200
tactgttacg	actagattat	aacaaatact	ataccagggc	tggtggaact	ctgggcagtt	1260
tcgggatgtg	aaaatttctg	gtcataaat	tgaaataaca	gccacgttcc	caaggttgta	1320
acagaagatt	caaaacatcc	cattctagcc	acacacaaat	aaatatctgc	ggcttagtga	1380
taggactcta	ccttttctcc	tagaagcagt	tactgaacat	ccaggagtac	aactccttcc	1440
catcattccc	atgtggaagg	gtctctccca	tcaaggagaa	catgtggcat	ctctgaccc	1500
ttacattgag	aacatttgtt	ggatatgttc	atthattcaa	tagtcattta	ttgagcacct	1560
actacgtacc	ttggtactgt	tcaagctgtg	ggagatacag	cggtaaacaa	acaatataga	1620
gcagaaaagtt	aaatatthta	tggttcatat	gtgaaaaagt	aattatgttt	ataaatagac	1680
taactgctgg	atgttaccac	caagtaagaa	agcaacaggt	aagataggct	ttctctctcc	1740
ctataccaag	taatttatac	ctacacagat	tgggcaattc	tagctaataga	aaatatactt	1800
aaaagtattt	cttaggccgg	gcatgggtggc	tcacacctgt	aatcccagca	ctttgggagg	1860
ccgaggcggg	cggatcacct	gaagtcagga	gtttgagacc	agcctgacct	aacatgatga	1920
aacctcgatt	ctactaaaaa	tacaaaaatt	agcccagggtg	tggtggcatg	tgccctgtaat	1980
cccagctact	caggaggctg	agacaggaga	attgcttgaa	cctgggaagc	agacgctgca	2040
gtgagctgag	attgtgccat	tgcattccag	cctgggcaac	aagagcgaaa	ttccgtctca	2100
attag						2105

<210> 3963

<211> 551

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(552)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (551)...(206)

<223> similar to gi3212996 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3963

gcttgggctg	tcctctgatg	ccatgttgtc	agcccagaca	ggcagtgtga	tcagggctcc	60
tggcagaggg	tctcttgaga	cacagccact	gcccctgctt	ggtggtcgtg	acttgggacg	120
cagcctgcct	gtgactggag	ctgggggtga	cgggtaagat	gagtggagat	gttgggccag	180
tggggcctga	ttcccagact	ggaccaaacc	ccaggggctg	tcctccaatc	cggaccatct	240
tccagagctc	tccggatgcg	cttgtgaaca	gcaagttact	aggaaacctc	tgctgcgtct	300
gcacgtccat	caccagggag	atgtagccct	cgatgagggg	gaaggagaag	aagcggatgt	360
ggccgcagtc	atccccagtg	gccatggggt	ccttcaactc	attggagtag	aacatgacat	420
ccatgaggag	tgtggcaaca	gcaggcagcg	tgtcagggtc	caggctgggtg	acacagaacc	480
tgttgctcgg	gctggccgaa	ttccaccacn	tggactaagg	tctactatna	ggggcctcaa	540
ttggacgtgc	c					551

<210> 3964

<211> 1216

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1075)...(807)

<223> similar to gi406113 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3964						
tgcagtggcg	cgatctcagc	tactgcaac	ccccatctcc	gaggttcaag	taattctcct	60
gcctcagctt	cccaagtagc	tggtattaca	ggcacgcacc	accatgtgtg	gctaattctt	120
ttatttttag	tagagacagg	gttttgccat	gttggccagg	atggtcttga	actcctgacc	180
tcaggtgatc	caaccacctc	ggcctcccaa	agtgtctgga	ttacaggcgt	gagccaccat	240
gectggccct	gagagccctt	tctatgcagc	aaataacttg	ctaagattct	tctggggctc	300
ctcagtcccc	tcaggatcaa	gttgggtgct	ctctgtggca	tatgaggccc	taagaggcct	360
ggcccttac	ctgcttctct	aaattgggct	cctgcctctc	agtccccca	gccccctcag	420
tctggccagg	cttagcactt	gcacttccc	gaatggctat	agacattatt	ccgctatgcc	480
tcactaattc	ctacttaact	gacagctctg	tcaggtcatc	accactttta	tgacctttct	540
cggaccccat	aggctggatc	agatgcctcc	tgaagaatta	cagacttctt	cctctagact	600
tgagggtgag	ggaccctctc	tggaatagag	aagggtgttg	gagtgtttgt	tgaatgaaag	660
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tgccaggtgc	tgtgcaagct	gagcctgggt	agggatgggg	aggagtccctg	gggaggctgg	780
gaccagaact	agggatatgg	actcaccttc	cacttgctct	tggcaaagtt	cttcttgatc	840
tgctcactca	ccgactgggtg	gatattctta	tctagagctg	tatctcctgc	aatcctagga	900
tggtgttatg	tggtgggttg	cctatgaggg	cagaagcaga	cctgagggcc	ccaaatccc	960
ccccagctca	caggttgtgt	gaattctcac	catgggtgct	gcaaggcctg	ctcacagggtg	1020
aatcttttct	ctgggtcctt	ctccatcaag	tgccggatga	aatctttggc	taaaccccca	1080
agacaaaagc	aaagataatg	acagcatggt	actgcctgtg	tactccccaa	gagcataccc	1140
actccctcag	gtctggcctg	gcacaaagac	aaagaggcca	aatcagttca	tgccccaccc	1200
cacccaacct	atgctc					1216

<210> 3965

<211> 799
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (800)...(499)
 <223> similar to gil57535 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3965

tttttttttt	tttaatttaa	taattaattc	tttttaatac	aaagctttgg	gcattagcaa	60
ttttatgaaa	aaataaaatg	tactaaaaat	aatgcttgt	gtggcatgat	tggtaaatga	120
tgcacaaaaa	taggttcttt	tttccttcaa	ggcaaaatca	gtcagaaagc	aggttttttc	180
ttcttcaaaa	ccattctacc	tcattagcat	tcaagctagc	tgtggctctg	atgatcatgt	240
agcagagtgt	gagggcactg	aggaggccaa	aactggcaat	aataaaccat	tcttttggtta	300
ctgcaatggt	gatttctcct	gttctcggag	tgagctcccc	atcctgagga	agaggtgaga	360
tccccgaagt	tcgaagtggc	tcaaggccaa	gggagttgtc	gccggcgagg	tcgccgaggg	420
ctgatcttcg	gttaacagct	tgggttctgg	tgagccttcc	catatcgaat	gctacgttat	480
cagtacatgg	caaattcggc	acaattccca	gggccttcaa	tatattaagt	ttgcacatag	540
gacaggtaca	atgttcacta	agccagggat	ccacgcagga	tttgtggaaa	acatgcttgc	600
aggagaaaat	tccgacgaca	tcattctgct	atagcctctc	tatgcagact	gcacaatgat	660
caaagtctgg	gtcagtttcc	ttgtcaccct	tctttactgt	cctgggtgtc	aatttactga	720
tggctttctt	ggctgcatct	ccgagacgac	gctggttctc	gtcgcgtgca	tttgggtacc	780
tgatccttct	gatgacgta					799

<210> 3966
 <211> 1869
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (44)...(671)
 <223> similar to gil945499 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3966

tctctagccc	agcgtggtgg	aattcgtacc	tatgagaaca	atttttcatt	cgtagtttgc	60
cagacatatc	aagaaatctg	aaggccagaa	aattcctaaa	gtggagttgc	aaatatcaat	120
ttatggagta	aaaattctag	aacccaaaac	aaaggaagtt	caacacaatt	gccagcttca	180
tagaatatct	ttttgtgcag	atgataaaac	tgacaagagg	atattcactt	tcatatgcaa	240
agattctgag	tcaataaaac	atttgtgcta	tgtatttgac	agcgaagagt	gtgctgaaga	300
gatcacttta	acaattggcc	aagcatttga	cctggcatac	aggaaatttc	tagaatcagg	360
aggaaaagat	gttgaaaaca	gaaaacagat	cgcagggtta	caaaaaagaa	tccaagactt	420
agaaacagaa	aatatggaac	ttaaaaataa	agtacaagat	ttggaaaacc	aactgagaat	480
aactcaagta	tcagcacctc	cagcaggcag	tatgacacct	aagtcgccct	ccactgacat	540

ctttgatatg	attccatttt	ctccaatatc	acaccagtct	tcgatgccta	ctcgcaatgg	600
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<210> 3967

<211> 6147

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (113)...(2387)

<223> similar to gi4589514 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3967

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<210> 3968

<211> 698

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (26)...(310)

<223> similar to gi4240124 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3968

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gctcaaggag	gagagccaga	aagatgagaa	ggatctaaac	gaagagcaag	aagtattcac	180
cgagctgatg	caagtgattg	agcaaaaggga	caaactcgtc	gattccttag	aggaacaacg	240
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ttaagttata	ccttactgca	ttttttaaaa	ttaaaattct	cttgacgca	tggcagcttc	480
ccaaggttct	tccagagatt	caaatagaaga	aaacccaaag	actctttggc	aattggcagt	540
caacttcagc	caggctctca	gactggagggt	gttggttgga	gatgaccagc	attgttttcc	600
ctagaaagtg	acacaaagac	ttgactttcc	tgctactttt	atcattttcc	ttcccaattc	660
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<210> 3969

<211> 1169

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (947)...(687)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3969		
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caatataaaa	tgagaggaag gaggaggaaa tcttatttcc tctcatactg caaactcact 1080	
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<210> 3970

<211> 421

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(147)
 <223> similar to gi747652 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3970
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 ccgccaaatg gacacaaaca acgacggtat aataatggcc cccagttgct gggagaagtg 120
 aggattaacc gagtaagtga ggggaaggct gaagtggctc agctcaaagt ccacctctgt 180
 ggacctcttc gccctgagct cactgccttc cctgccttcc tcacaacagt attagaggaa 240
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 g 421

<210> 3971
 <211> 662
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (7)...(489)
 <223> similar to gi4586838 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3971
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 caagccctgc ccaacaggaa cactaaggct aaatacttca tcccaccctc aatgtacagg 180
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 aagtgtgcag ctggccccat accccagcgc tgaagggtgg gttgggcaac agcctgagag 540
 tggactcagt gttgattctc tatcgtgatg cgaaattgat gcctgctgct ctacagaaaa 600
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 ca 662

<210> 3972
 <211> 1130

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (285)...(908)
<223> similar to gi406738 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3972

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cgtccccaga	gccagtcagg	cccttcagca	tgggetgccc	tccatagagca	ttcctttgat	180
cctttctggg	gctggaagaa	gtaggggttg	ggcactggct	attcaatagg	gacctctgag	240
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ggagtaaggg	gttgtctgga	gctgcgga	gaggaatccc	tggagagaag		1130

<210> 3973
<211> 1627
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(654)
<223> similar to gi861381 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3973

ccgcagtctg	gcctggcacg	ttctcatggg	gaaccaggtg	atctggaaaa	gcagagacgt	60
ggacctcgtc	cagtcagctt	ttgaagtact	tgggaccatg	cttcccgtgg	gctgcgtccg	120
catcatccca	tacagcagcc	agtacgagga	ggcctatcgg	tgcaacttcc	tggggctcag	180
cccgcacgtg	cagatccccc	cccacgtgct	ctcctcagag	tttgctgtca	tcgtggaggt	240
ccacgcagcc	gcacgttcca	ccctccaccc	tgtgggggtg	gaggatgacc	agtctctcag	300

caagtacgag	tttgtggtga	ccagtgggag	ccctgtagct	gcagaccgag	tgggccccac	360
catcctgaat	aagattgaag	cggctctgac	caaccagaac	ctgtttgtgg	atgtggtgga	420
ccagtgcctc	gtctgcctca	aggaggagtg	gatgaacaaa	gtgaagggtc	tttttaagtt	480
caccaagggtg	gacagtcgac	cctaagagga	cacacagaag	ctgctgagca	tcctgggtgc	540
gtccgaggag	gacaatgtca	agctgctgaa	gttctggatg	actggcctga	gcaagaccta	600
caagtcacac	ctcatgtcca	cggctccgag	ccccacagcc	tcggagtctc	ggaactgacc	660
cgtcacacac	acctgcctaa	agacagggat	ggctgtccac	aggatcctcc	agccccgtga	720
gagggactgt	cccttgagtt	tctcaactgc	tgggaaggagc	tgcgtcccag	caaggaaggg	780
aaaccatcat	ggctgggctc	ggccctgtca	ggtttggggc	ctgtgtgctt	cccagactct	840
ccctccagcc	gttggaatcg	ctgaagatgg	caatgaaagg	cggaggggatg	atgggctctc	900
tctgtgttca	aactccttgg	agagacgact	aggaggacag	cttgccctcc	aggccccttg	960
tggacttaga	ctcaaaaacc	gcaggagaaa	caggtccgac	tcagtatgca	gtcgcaataa	1020
catgtctgct	cccagaggta	acattcaagc	gtttctactt	tgaaattcag	caagagtttc	1080
tgggccttat	gtttgagggg	accttttgct	gcagttgtga	atattcagta	cattgccagc	1140
tcttggtcac	tgagtgattg	agttagggct	ccgcaagaga	ctttggggag	tgaagtggat	1200
ctcttcctca	tcttctggtc	ctctgaaatg	tgtgttctga	agccatgggg	ctcgtcttct	1260
ggggtgttcc	cctgcagggtg	ctggtgaagg	taacctgggg	cttaatgatg	gagtcacctga	1320
tcatttttgc	acaagacagg	ttgctgaggg	gtcggcaagc	atctgacttg	cccaatcccc	1380
tggatatggt	gagccccgcc	atgcttttat	tctgtatcgc	ttttgtcttt	attgctgctt	1440
tcaacattta	cgttttggtta	cagtttaacta	ttttcggagt	gtggtgattg	aagacaattt	1500
catcatccca	ctgtactttt	ttttttgaga	ctctgtctca	aataaagaaa	aaaaaaaaga	1560
taaaaataat	ttttaaaaag	taaagatagg	cctgggcaac	agagtgagac	tctgtctcaa	1620
ataaaga						1627

<210> 3974

<211> 1579

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (691)...(872)

<223> similar to gi29653 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3974

agtcacctcc	agaccccgaga	agctctcccc	aaccagccg	agttcctctg	caaacaattc	60
aaggggctct	gataggtcac	acagtgccac	cttgtgtgct	ggaccatata	tggagggaga	120
actgagttag	ggggcacagg	ggattgtctc	caggtggggc	gagcagggga	aggaaaatag	180
tggccacttt	tacattggtt	tgggtagtaa	ttattgattc	aggaagcaaa	tacaaaatcc	240
tgaatgaaat	gacttggaat	aagtaaatag	aatcaagatc	ccaagaggag	ctgaagataa	300
ataaatggga	gcaggatgtg	ggggaatggt	cggtaagtga	gaaatgctaa	aatgatagaa	360
taaagcttaa	ggattgttgg	aggtagagca	ggaactgtgt	actgcatagt	tcccaaattgc	420
cctggtgttc	caatggggga	tggaaactaa	aacactggcc	aggttggtat	tcatactgta	480
gtcctgcat	ttttcttcct	agagcagaga	taaaagttag	ccctgggcga	tagctcattc	540
tctctgaaag	gctgctagtt	aggcccagcc	tgtcaccctg	gatcatgagt	gtcgtgtgta	600
ttgggactta	cggcaggggg	ctgaggcttg	cagatgggca	agtggtgaga	ggccccactg	660
acctcagtct	gtttctcact	ggagcgcagg	tttgggagca	gcagcaacac	cacatccttc	720
ggcacgctcg	cgagtacaga	tgccccact	ttcggatcac	tgtcccaaca	gacttctggt	780
tttgggaccc	agagttagcg	attctctggt	tttggtatcag	gcacaggagg	gttcagcttt	840

gggtcaaata	actcgtaagt	atcccccttt	ttgagtctca	ccttaattaa	aagcattaaa	900
taagggttga	agtgtgtgga	tcttgctgga	tttgtgcatt	ttcttttcgt	tttttcctgt	960
tttttagagt	tgtcctggaa	gtgtgggggt	tcagcagcag	ggtttgggtt	ttgtggactt	1020
gctcttctct	gtagcaatat	ggcaggaggt	gccaggcctc	gccttcttaa	gaggcggtgt	1080
tcaaagagaa	aagagcacgc	ctgccagtga	gctgggcctg	agggcagcgc	tgaggagatg	1140
ctgctcctga	cttccttgga	ggtttctcag	aagctgcatg	ctaacccttg	ggctctgggc	1200
catcaccagg	tctcatgtgt	tgatccaccc	tctgtgcttc	tgtgtaaaaat	ttcatggcgt	1260
taaaattcag	tcttagccag	gtgggtgggt	cacgcctata	atcccagcac	tttgggaggc	1320
tgagggtgga	ggattgcttg	agcccaggag	tcaagaccag	cctgggcaac	agagtgagac	1380
cccattctcta	ctaaaaatta	aaaaaattag	ccgtgcatgc	tggcttatgc	ctgtggtccc	1440
agctactcca	gaagctgagg	cgggaggatc	acttgagcct	gggaggttga	ggctgcagtg	1500
agccaagatg	gtaccactac	cgtctagcct	gggtgacagc	cagaccctat	atcaaaaaaa	1560
aaaaaagggg	gggcccttt					1579

<210> 3975

<211> 467

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (370)...(254)

<223> similar to gi311097 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3975

cgaggatggg	acaggcgaat	aattagagtt	gtgtgatgta	taggaaaagt	agcacgatgc	60
aatgtagggt	gttcaaatat	atgacaggac	gtttaaatta	aaaatttttt	tcccccgcc	120
atattttatg	tggtagcccg	gtttttttcc	ccccccctg	tttttaatac	cccccgcca	180
caaatttttt	ttttccacc	aaaaaaaaaa	attattcccc	ccccggcggg	gggtaaaaga	240
gttttttttt	ttagggggcc	ccccccctt	tttttttttt	tttttttttt	tttttttttt	300
tttttttttt	tttttttttt	tttttttttt	tttttttttt	tttttttttt	tttttttttt	360
ttttttggaa	aacgtagact	tttaataact	gcttttatca	ccagggttaag	ccatgcagtt	420
acaaagtagt	tagaaatttc	tgaagggtgt	tagagttaaa	aaaaaaa		467

<210> 3976

<211> 1599

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1103)...(833)

<223> similar to gi5902972 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3976

gcggtggaat	tcgtcattct	taaggactgt	tctgtcccca	acccagctg	gaacaaggac	60
ctaagactgc	tctttgacca	gtttatgaag	aatgtgaag	atggctcctg	gaaacgtttg	120
ccttcatata	aacgtacacc	tactgaatgg	attcaagact	tcaaaaccca	ttttcttgac	180
ccaaagctta	tgaaagaaga	acaaatgtca	caggcccagc	tcttcaccag	aagctttgat	240
gatggcctgg	gctttgaata	cgtgatgttc	tacaatgaca	ttgagaaaag	gatggtttgc	300
ttatttcaag	gaggccctta	cctggaagga	ccacctggat	tcattcatgg	aggtgccatt	360
gcaacatga	ttgatgctac	tgttggtatg	tgtgcaatga	tggctggggg	aatcgatcatg	420
actgccaatc	tcaacatcaa	ttataaaaga	cctatccctc	tttgttctgt	tgttatgata	480
aatagccaac	ttgataaagt	tgaaggaagg	aaatTTTTTg	tttctgttaa	tgttcagagt	540
gttgatgaga	agaccctata	ctcagaggcg	acaagcttat	ttataaagct	gaatcctgct	600
aaaagtctga	cataaagagc	tgctggtgaa	ctccatctca	ttctcgcccc	tccagaagaa	660
gcagttgtcc	cccaaatact	ctgctccctc	actgctgaat	ccctgtaggg	agaagcctgc	720
caacagtga	cttcgaaac	agccttctga	atacaaagag	gattcagttt	ccatcttctc	780
aactttttta	cacagaaaca	cttctgcga	gcatatcgac	aactctcggg	ccaggcgctg	840
tggtcacac	ctataatccc	agcacttttag	gaggccgagg	caggcggtt	gcctgagctc	900
aggagtcca	gatcagctg	ggcaacacga	tgaactccg	tctctactaa	aatacaaaaa	960
attatccagg	catggtggcg	tacgctgta	gtcccagcta	ctcaggaggc	tgaggcagga	1020
gaattgcttg	aaccaggag	gaagagggtg	cagtgaagcca	agatcatgcc	acatcactcc	1080
aacctgggca	acagaacaag	aaccatctc	aaacaaacaa	acaaacaaaa	aaaaaaaaaac	1140
tcttgctcc	ttaggatatg	ttacctgctc	cactgcagac	tagagaaata	aatgtgtatt	1200
gaacctttta	ctgcaaactt	gaaaatgcta	gaaaaccaag	catgaagaat	aaatacatgg	1260
cgggaaacac	acaggcatgt	gcatatgcat	atacattgta	agttagtaag	ttagaaagct	1320
agctttgttg	tatctgaaca	catgaatctt	ttttggtcag	tgtaggaagc	acagccagat	1380
cctataggaa	tgaatacctc	aaatctgttg	tctgagattc	tagagattaa	accactgtgc	1440
catttttaac	ccaggctgta	ctattgtttc	ttaccaacag	cataggtttt	catcactgga	1500
aggagcctgt	gttcatttcc	tagggctgct	gtagcaaagt	agtacaaact	ggattgttta	1560
aaccaacaaa	aactcattgt	ctctcagttc	tggaggcca			1599

<210> 3977

<211> 1423

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1408)...(212)

<223> similar to gil669689 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3977

atgaaagatt	tttatttcaa	attgcttttc	cttttattat	tgtagggtt	aaaagacaac	60
cttcttgctt	ctgggacatc	cagcctgaca	gccaccaaac	agttgcatcg	tccaagaatc	120
acgagaatct	gcctcaggga	cttgatattt	tgtatggaac	aggaacggga	gatgaagtat	180
tctcgagctc	tatacctggc	ccttctgaag	tgaccactcc	actcttccat	ccagatcctt	240
gctatttact	gccaaagaag	acacaaagca	ttgttgcaat	gtcctgaaat	ttcaatttct	300
ggaaaataat	caccaacatg	aaagagcatt	gtttacagtt	agaaacttta	ttactctta	360

cctatccatc	tcattgggact	cttacagact	cagattcattc	tttgtcttct	gaaaatcagt	420
tatgaaatac	actttgcaca	gaattaggca	tctgcctatc	tgtgcattaa	attaaagcaa	480
gttaaggccc	tatttggttac	tacctgcctc	atttgccaaa	ttgtagcagg	tgaggtgtcc	540
ttccctaata	cagcatgcat	tgagatgcag	gagaaaggaa	gaggcataag	aaaatacaag	600
aatgactatt	tcattctata	ttgaacctgt	cccaaagtgg	taggttttct	gggctggaat	660
cagaagttgc	ttagctaact	atgacagtca	ccctctgtac	gtgacaggcc	actgtggtga	720
ctttggctcg	ctgagttcca	gtgttggtcaa	aacaagacaa	atggggatag	attgtgcctg	780
gggttgctaa	ttctctgctt	catatcacca	tatgccgttt	ctggtaccaa	gtgaggggac	840
atgcttgta	gggaaacctt	aaaattgaat	ctactgatat	atcttggtga	aaaaatggaa	900
aaggtgcaaa	gtattagaag	gaacgttagg	gcgttgcttt	caaactgatg	aggggaatgt	960
gaaaatggta	tcataaaaca	ggaaatgtgc	ttcatatgcc	caagagggga	agaggtggaa	1020
tcggaactcc	aaaacaactg	gtacatgttt	tggtgatggg	caaaaaaat	cacagcacia	1080
ccagaaagga	gaatgtacca	gatgttttca	aattagagta	tttcaaaagg	aaaatgttat	1140
tttttgtttt	gtattgtttt	aaatcccaag	gatagttttt	atatttcctt	ctgtcataat	1200
atattttagt	tatcctaatt	tttaagcatg	ttggcacatt	taaaaaatcc	taattgatga	1260
tgagaaattt	ttaacaatag	gactttatgt	tggattctgt	acttaaaagg	tactgtcaat	1320
atctcactct	tggggatatg	agctctaaat	atgagaagca	agttatatgt	gttcacctga	1380
ggaagaagct	gacggacaaa	gcaaaccctc	tttaaaaaaa	aaa		1423

<210> 3978

<211> 2081

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2078)...(1302)

<223> similar to gill196425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3978

tttctttag	ctcactcgag	cctccaccta	ccaggttcaa	gccattctca	tgtctcattc	60
ttttaagtgg	ctgggattac	aggtgcacgc	cacagtgcgc	agctaatttt	tatatatttta	120
gtagagacag	ggtttcacca	tgttgccag	gctgttctca	aactcctggc	ctcaagtgat	180
ccgcccacct	cgccctccca	aagtgctggg	attacaggtg	ttagccacca	tgccctggctg	240
ctaattttta	attttttgta	gagacagggg	ctccctgtgt	tgccagact	gttctcaaac	300
tcctgggctc	aagcaatcct	cccacctcag	cctcccaaaag	tgctggaatt	acagtcataga	360
gccatcatgc	ccagccagga	tatggacttc	ttgactagta	ggaagaaagt	gggctggaca	420
cactggctca	cacttgtgat	cccagcactt	tgggagaccg	aggtgggagg	agatcttgag	480
gcccagagtt	tgagaccggc	ttgtgcaaca	tagtgatgta	gcaggacgag	ccacagacaa	540
aacctctcag	acactgagtt	gtagaaggaa	gggctttatt	cagctgggag	catcggcaaa	600
ctactgcctt	aaaatccgag	ctcccaaat	gcacaatttc	tgccctttt	aagggtcac	660
aacactaaag	atttcacatg	aaagggtcgt	gattgatttg	agcaagcagg	cggtagatga	720
caggggctgc	atgcaccagt	ggcagagag	aaacagaaca	gggcagggag	tttcacaatg	780
ttcttctata	caatgtctgg	aatctatgaa	taacatcagt	ttctaagtta	tgagttgatt	840
tttaactact	gggttttaggc	cagacaggcc	caggcctgct	ttcaggcctg	gtgccgggct	900
gcctgtcttt	ggttttactt	ccttgctact	ttttcttaaa	agaggtactg	agtataaaac	960
aataaaaaac	aataaaaaac	aatatgagag	ggtctctctc	tcttccctca	tttccccct	1020
ttgagactct	cagtttttat	tagtgggagt	tctcactctt	atttttgcta	cttatgtatt	1080
ttcgtgcaat	agattgatag	tgatttatat	agtatgcttg	tgctgaagca	ttttggtgaa	1140

ctaagggttaa	gcgacgaagt	tttttatcat	ttggagaaat	acagggtatca	gacaagggag	1200
cagtaagcag	gttcctatta	ctattattac	tcttattata	agagttttta	atccacctat	1260
tgctgggaac	caattttcaa	acatggctcc	cagattgagt	ccgtgccaca	cttgcacagg	1320
tgcatgtgcc	agttttgtta	tatctttaac	tatatcctca	actacttgcc	cctgatcatc	1380
tatgtgtaga	caataattag	taagggtcaaa	tttttcacaa	actcctcctt	cagctgctag	1440
caagtaatca	agagctagtc	tattttgata	gatagcattt	ctcatcagag	tctcttgcca	1500
ggcaagaaca	gtcaaggctt	gagtggtttt	attagtaata	atcttctaaa	ctgcttgtaa	1560
ccatatgatt	cggttgagca	tgtagatggg	ggttccatat	ccccatgaga	catcttgtag	1620
ccaagtggca	ggtccatagt	attgtaagat	tttttcaggg	ggccattcat	cgtctttcca	1680
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acctgttttt	atgggcacta	agaagaaaga	tggcttaatg	gtgccaatta	cacagctacc	1800
tgtccactga	tcaggcagct	tagcataagc	tctgtgtcca	cataccagct	ataaccagct	1860
gggggccgctc	cagtcccagt	gcaattctgg	gtgggcccac	acagtctgca	actttggaaa	1920
tttactgaat	ggattttttt	ctgtgtaatt	ggaactccac	catgtaactg	tttttgtggt	1980
accattatac	agcttttgcc	caagacaact	aagctgcctt	acaggatgag	taaatccttt	2040
tccttctcta	gctatgcaat	actgtccaat	aataagactt	t		2081

<210> 3979

<211> 1262

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1265)...(711)

<223> similar to gi4972682 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3979

tttttcagaa	cacaaatttg	gcattatttt	atcaatatat	caagcaatat	aactgctaga	60
tacaatgttc	acagcagcat	tgtttcaaca	gcaaaaacaa	ataaacaaaa	ctcaaagtgc	120
catcaagaat	gaataagttg	tagtatattt	atataatact	atataagcaat	aaaaatgaaa	180
gaaagtcaca	gaagtaaaca	ttttgccatt	tatataaaat	tcagaaacat	acaaaattaa	240
cattttcactt	acagatacat	acgtatgttg	taaaactata	atagacaaat	gacaaacaca	300
aaattccaaa	taattatttg	agagggagag	ggccttaggg	aacttctaaa	atgtcgacaa	360
catctgtatc	ttaagctggc	tgatgagtag	acagatattt	acatttatta	tccctttata	420
tatacgttta	tgtatttttg	tagtatgaaa	tacttcatta	aaaaaagagt	gaaaatgtaa	480
gacttcaaaa	atgaagacta	ccattttatgt	ataacaataa	aattagtgtg	aaaaagtata	540
caaagaaaat	gttcaattct	ttatctttcc	gtgctctata	taatcagtag	taatctaaag	600
accataatcc	tagtatgaaa	aaaataacaa	gctttgacac	aaaatctaag	catctgcttt	660
cctggcactc	ttaagttaga	caagagtaaa	tatgttagcc	tctcaattct	gcctcttcat	720
ctttcatcta	tacttagatt	tttctttatc	tttggacttc	tttggacttc	tgcttcggtc	780
tctcttttta	ctcctttctc	tttcataaag	atctgttttg	tattttgatt	tatgactatt	840
actataatgg	ccatccctct	ctcgagatcg	gctacgactt	cggttctgag	ttcggctctc	900
cttttcactc	ttttgtttct	ccaacagct	ttcttcttct	tcatagtgac	caaaccctat	960
ttctctatag	atatcctgat	tagtattttt	gattggcatg	tagtcctcat	cttctttctc	1020
ttcagaacag	tgatgggttt	tcttcttggt	ttttttactt	gtgtgtgagt	gacttgattt	1080
tgagtcttcg	gcctgctcat	ctaatataag	atcgtatttt	gtatcctggt	tgggctttac	1140
tttatctttc	agaaccaaat	taggtgggtt	atcctgttct	ttttcatact	ccttgaaatc	1200
actcttggtg	tattttccac	cttttccttt	ccatttaacc	tttgcaaccg	actggctaaa	1260

<210> 3980
 <211> 1248
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (11)...(803)

<223> similar to gi2429164 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3980

cccacgcgtc	cggcatcctg	ttactgcatt	ttagaaaatg	atggagtcaa	gttttgtcgg	60
ccccagtc	ttccctgagg	tcccttctcc	tgacagagga	agccagtctg	tcaaacacca	120
caggagtcta	tcctcttgct	gcagcccagg	gcaaagaagt	ggcatgctcc	ataggaatgc	180
cttcagaagg	acacccccgt	caccccgaa	taggctaggt	ggaattgtgg	gaccagcata	240
tcagcaactc	gaagaatcaa	ggatcccaga	ccaggatacg	ataccttgcc	aagggtattc	300
atccagtggg	ttaaaaaccc	aacgaaatac	atcaataaat	atgcaactgc	cttcaagaga	360
gacaaacccc	tattttaata	gcttgagca	aaaggacctg	gtgggctatt	catccacaag	420
ggccagttct	gtgcccatca	tcccttcagt	gggttttagag	gaaacctgcc	tgcaaatgcc	480
agggatttct	gaagtcaaaa	gcatacaatg	gtgcaaaaac	tcctattcat	ctgacgttgt	540
caatgtgagt	attccagtca	gcgattgtct	tatagcagaa	caacaagaag	tgaaaatatt	600
gctagaaaact	gtccaggagc	agatccgaat	tctgactgat	gccagacggg	cagaagacta	660
cgaactggcc	agcgtagaaa	ccgaggacag	tgcaagcgaa	aacacagcct	ttctccccct	720
gagtcccaca	gccaaatcag	aacgagaggc	gcaatttgtc	ttaagaaatg	aaatacaaa	780
agactctgca	ttgaccaagt	gacttgagat	gtaggaatct	gtgcattcta	tgctttgctc	840
aacaggaaag	agaggaaatc	aaatacaaat	tatttatatg	cattaattta	agagcatcta	900
cttagaagaa	accaaatagt	ctatcgccct	catatcatag	tgttttttta	caaaatattt	960
ttttaaggga	aagaaatgtt	tcaggaggga	taaagcttac	cattaaagct	tttgggtaga	1020
attctgaatc	caatttcgtt	tagtcccac	actgtcctct	ttggctctta	gaagatgtgg	1080
gcaattcaga	cccttgccc	cacagtgcc	gtgtctcatt	aaaaaacact	ggcagttacc	1140
tggtttcaaa	aagaggagag	ctgcatccc	caggtggatc	accagtgagc	aggtgctctt	1200
ccatttggtt	ccagtccaag	cctaatttta	ttaccaatgc	tatacagg		1248

<210> 3981
 <211> 1330
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (67)...(14)

<223> similar to gi3876901 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3981

cccctcgtag	aacactaggc	catgtggtgg	aattcgctgg	acggcataag	gaacatcgtc	60
ttgagcaatc	ccaagaagag	gaacacgttg	tcacttgcaa	tgctgaaatc	tctccaaagt	120
gacattcttc	atgacgctga	cagcaacgat	ctgaaagtca	ttatcatctc	ggctgagggg	180
cctgtgtttt	cttctgggca	tgacttaaag	gagctgacag	aggagcaagg	ccgtgattac	240
catgccgaag	tatttcagac	ctgttccaag	gtcatgatgc	acatccggaa	ccaccccgtc	300
cccgtcattg	ccatggtcaa	tggcctggcc	acggctgccg	gctgtcaact	ggttgccagc	360
tgcgacattg	ccgtggcgag	cgacaagtcc	tcttttgcca	ctcctggggg	gaacgtcggg	420
ctcttctgtt	ctacccctgg	ggttgccctg	gcaagagcag	tgccatgaaa	ggtggccttg	480
gagatgctct	ttactggtga	gcccatttct	gcccaggagg	ccctgctcca	cgggctgctt	540
aacaaggtgg	tgccagaggg	ggagctgcag	gaggagacca	tgccgatcgc	taggaagatc	600
gcatcgctga	gccgtccggg	ggtgtccctg	ggcaaagcca	ccttctacaa	gcagctgccc	660
caggacctgg	ggacggctta	ctacctcacc	tcccaggcca	tggtggacaa	cctggccctg	720
cgggacgggc	aggagggcat	cacggccttc	ctccagaaga	gaaaacctgt	ctggtcacac	780
gagccagtgt	gagtggaggc	agaggagtga	ggcccacggg	cagcgcccag	gagcccacct	840
tcccctctgg	cccagccacc	actgcctctc	agcttcaaca	ggtgacaggc	tgctttctgt	900
acttgatatt	ggtgtcatag	catttggcct	acattaaaag	ccacaatttc	atggggaaag	960
gacaaaatgg	agagtgactg	aggtgctgac	ctcagtgcaa	ggctggtgaa	ccctgcagcg	1020
ggccagctat	ggtgggaagc	ctggcatttg	gggtgctcct	tgcaacgtct	taagcaagcg	1080
acccccctga	catagcaaaa	ggtggcaacc	catggaggca	gaaagaagga	cgccagcctg	1140
acccttatct	gaaacgtcct	aagcagagtt	aatcctggct	gctcaggaga	ggcgacacat	1200
ttcaaatctc	cacgagatat	tctccacaca	gaaaatcttc	ttgattctat	agagacttaa	1260
tcatgcctat	ggctttgaat	aatcttatgt	gatttaaata	aattaaatct	ttatagagcc	1320
aaaaaaaaaa						1330

<210> 3982

<211> 1435

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (142)...(239)

<223> similar to gi5912258 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3982

ataaattggg	gaacccccgg	gtttttcccc	tcccccggtt	tttaaaccct	ggccccggaa	60
tttaattttg	ggggcccat	aaaaaaaaata	ttaccttgcc	agcccgggga	cgtaaacttt	120
gaccttttaa	aacggccccc	cctttttttt	ttttttaata	aaattataga	tatatagatg	180
tagatataaa	aacataaaac	agacacaacg	caagcagacg	ctgtcatgtg	cttactctca	240
ggtccctgac	accaagggaa	gcactgacct	ctccccagtg	tgctttccca	cggcgcgagc	300
accgcagcca	ggccgggggt	gcggacgtgg	catgccttgg	ggtgggggtc	tccagtttgg	360
cagggagggc	ctgagggctg	gggagggggc	tctgggtgtc	accagcccc	tgtggcagca	420
tcacccccgt	gcctgctccc	gcctgcccc	ccgtcgcttc	ccacaagagc	ataaagcaaa	480
ggttaaggct	ttgatgaaag	ggacagcggc	ggccggagca	ctgacacatc	agacacggcg	540

cggcagcaca	gcacacagac	acgggacaca	tggagccggg	ccccggcca	cagctggctg	600
gctggccgtc	tgccaccta	tccaccacca	cccagagcag	gccagggcag	aagcatcagc	660
cttgccaagc	tacaagcttc	cagcggggtc	cgtgaaaggc	aacgcgttag	ttaggagtag	720
cctggcgggg	gacactcggg	ccgggagccc	acaggctgtg	tcagaaggac	ggggtggggcc	780
ctgggtgcct	ctgtccatct	ctgggacctg	tccgtaaggg	gaccattggg	ggctggcctg	840
gcggtgatct	gggggtgctg	gtgatggcag	tgggccaagc	ctggctgaga	gaggggtgccc	900
caaagaggct	gactgggccc	cctcactgcc	ccagccatgg	gacaggccca	gacacagacc	960
agcccagtgg	cccttgctcc	agtgagccga	cttccccatg	ggcagatgag	tggacgggca	1020
ggcagagcgc	ttggggcaag	ctgtggaggc	gtggcactct	ctcccgccga	tgggtccaca	1080
ccaggctggg	gtggcctcgg	gtccctgggg	cagagaagtt	gggtggggagg	gggggtgcgc	1140
tgtggggctc	tggtccccgt	ggcaccatgg	cggatgtgtg	gcagtcagtc	ctcacaccga	1200
gatctcgtag	gtggtcccac	ccacgcgcga	caccttctta	accagcgtgt	gccgtgtagg	1260
gctggcagag	ggccctgggg	ggccgggtgg	aggtcccatc	cgggccaggc	ccggggactg	1320
cccattaagc	ttacttgggg	gagtccttcag	ctgagggtgg	tccctgcata	aaaacaagca	1380
catacacaca	tgacacggg	gaacacacga	acacggggac	agaggacgga	ggagt	1435

<210> 3983

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (69)...(341)

<223> similar to gi587560 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3983

tcgaggagcc	ccagggtagt	cccatctggg	tatggctggc	tgggtcacta	acttctgtga	60
gctgcttctt	tcctttccag	aggatgcgga	tcaaacctca	ccaaggccag	tacataggag	120
agatgagctt	cctacagcac	cacaaaggtg	aatgccgacc	acagaaagat	tgagcacgac	180
aagaaaatcc	ctgcgggcct	tgctcagagc	ggagaaagca	tttgcttgga	caagatccga	240
agacgtgtaa	atgttctctg	aaaaacacag	actcgcgttg	caaggcgagg	ccgcttgagt	300
taaacgaacg	tacttgacga	tgtgacaagc	cgaggcggtg	agccgggcag	gaggaatgag	360
ccttcctcag	gggttcggga	accaccttct	ctcaccagga	aagactgata	cag	413

<210> 3984

<211> 390

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (15)...(171)

<223> similar to gi4929725 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3984
cccacgcgtc cgaccagggtt agcgaccccc atagtacagt ggctgtgggt ttcacaccaa      60
ccattccgca ctgcagcatg gccaccctta ttggtctgtc catcaagggtc aagcttctgc      120
gtcccttcc tcagcgtttc aaggctcagtt ggagctgagc cccgggagtg agaccaggca      180
ttgagggtct actgctgagg atggggactg ggagagcatg aacatggata ggacatcaga      240
gtggggcctg gaaggatccc cattatcaga taggaaactg ggaggaagct ttccaagtcg      300
atgtgacaag aataaagatc tgagctggaa agtggagaaa agtattgaag agtgtggcag      360
gaagggcagt agggagcggc atatgggttt                                     390

```

<210> 3985

<211> 1743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(878)

<223> similar to gill173848 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3985
taccgggtcg acgatttcgt tcggaatcct gggaccttcg ggacttttgg gtccgtaggg      60
tgacaaaggc agccgtgggg actggggatt gcaagggtccg aggggtcctc ccggccccag      120
agggcgcccc ggcccccccg gtctctcagg ggtcctatc caattgcaac aagatgatct      180
tggggcagct ttccagacgt ggatggacac cagtggagca ctcaggccag agagttacag      240
ctatccagac cggctgtgtc tggaccaggg aggagagatc tttaaaacct tacactacct      300
cagcaacctc atccagagca ttaagacgcc cctgggcacc aaagagaacc ccgccccgggt      360
ctgcagggac ctcatggact gtgagcagaa gatggtggat ggtacctact ggggtggatcc      420
aaaccttggc tgctcctctg acaccatcga ggtctcctgc aacttcactc atggtggaca      480
gacgtgtctc aagcccatca cggcctcaa ggtcagttt gccatcagcc ggggtccagat      540
gaatttcctg cacctgctaa gctccgaggt gaccagcac atcaccatcc actgccttaa      600
catgaccgtg tggcaggagg gcactgggca gacccagcc aagcaggccg tacgcttccg      660
ggcctggaat ggacagattt ttgaagctgg ggtcagttc cggcccagag tgtccatgga      720
tggctgcaag gtccaagatg gccgctggca tcagacactc ttcaccttc ggacccaaga      780
cccccaacag ctgccatca tcagtgtgga caacctccct cctgcctcat cagggaagca      840
gtaccgctg gaagttggac ctgcgtgctt cctctgacct ctgacctcgt ggccactcta      900
ggcctcatgg aggagggag aggaagaggc aaggggaggg tactgagggg cagatggctc      960
caggagaggc agctcccctg cccaagggtc cttgggcaga ccccagctgt tgtctgccc      1020
gtagaagtgg gtgggggtag gaggggatag ggtgtccttg ggaacaatgg atcccagctt      1080
agcccaaaag accaaccaaa gagccagcca gagtaagctg gacctgcaac ctgcctgagc      1140
cccgtggcct ctgagctctg cggccacccc gttccctccc cagcttcctg cccaaagagc      1200
cccacattca agccaacttg agggaaaggg gcgtctcgtc agctggtccc tgctagggag      1260
ctattgatgt gcaatattag aaaggagaca tgaaaaaagg agaaaaggaa agacagaagt      1320
gtatatatat attatttaaa caaacaaaaa gaaggtgcgt tactattttt ttttcacccg      1380
ggaaagaggt gagaggatgg gaaggagcag ccaggcgtgg gaagcggcga gatcctcggg      1440
ctgggggtgc ccacgtttgc tacctcccc tgtgaaatcg ctggtgcctc acaattgtct      1500

```

ctcacagtgt	atgtgatttt	tttaaggaaa	aaaaaaaaat	ccctatttaa	gattctgaag	1560
gtgctacat	tattttgcca	cagactttga	agaaactttt	ggatgtgggg	catcatccgc	1620
atctttctct	ctcctccaaa	tgacaaagtt	tggggaattt	ttgaattttc	ctagcatcgc	1680
ccttggtgctc	atcaggtaat	ctgctaagga	ggaaaaaaag	aaaagaaaaa	aggaaaaaaa	1740
aaa						1743

<210> 3986

<211> 1445

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1417)...(1154)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3986

ggagcgcttg	gtggcagtc	gcgggcccgg	acggaaggct	gaggcgacgc	ctcgacgaca	60
gcggaccgga	gctgcagggg	caacacattc	agggcggggt	gccccattta	ggcctggctg	120
accggagtaa	gaaactacaa	cccccgaa	gccttgccgc	tcaaggttac	ggaggcagtg	180
accaccacc	ctggagccat	ggcccacgcc	ttcctcattc	acaccttgag	ggccccgaat	240
actgaggaca	cgggcctttg	ccgagtgtct	tactcctgcg	tcttcggtgc	tgagaagtca	300
cctgatgacc	cacggccgca	tggtgccgag	agggacaggc	ttctccggaa	ggaacagatt	360
ttagctgtgg	ccaggcaggt	agagtcaatg	tgtcggctgc	agcagcaggc	atctggccgg	420
ccccccatgg	acctgcagcc	gcaatcctca	gatgagcaag	tgccgctgca	cgaggcccca	480
cgtggggctt	tccgcctggc	agcagagaa	cctttccagg	agccacggac	ggtggtgtgg	540
ctgggcgtgc	tctcgtagg	ctttgccttg	gtgctggatg	cccatgagaa	cctgctactg	600
gctgagggca	cgctccggct	gctgacacgc	ctcctccttg	accacctccg	gctgctggcg	660
cccagcacca	gccttctgct	gcgggctgac	cgcatctgag	gcatectcac	ccgcttcctg	720
ccacatggtc	agctgctttt	cctcaacgac	cagtttgtcc	aaggcctgga	gaaggaattc	780
agtgcgcctt	ggccccgctg	attcctcgct	gggatggtgc	ttctgagggc	aggcagaggg	840
tagacacata	ccaagtgaa	gcttggcatc	tccctcctac	ccagcagctc	tgatgtgctg	900
ctataccagg	acaagtgggt	gacacaagcc	tgacagaaag	gggctgggca	gagggtggag	960
gaggtcctgc	ctgtcctcag	gttagtgtaa	ccacagaaact	tcctgagcct	agagctgctg	1020
tggtacttag	accgctgccg	tgccgacgcc	acgcttgtcc	ttgaaccac	cttcctccat	1080
ccctgccagc	cgatagtgt	aggggtgagga	gctgcctgga	gctcaccgcc	ctcttcttcc	1140
aaaccacacag	tcaaggccag	gcgcggtggc	tcacgcctgt	aatcccagca	ctttgcgggg	1200
ctgaggtggt	tgaccacct	caggtcggga	gttcaagacc	agcctggcca	acatagttaa	1260
accccatctc	tactaaaaat	acaaaaatta	gctgggtgta	tggcgccac	ctgtaatcct	1320
agctgctcag	ggggctgagt	catgggaatc	acttgaacct	gggaggcaga	gtttgcagtg	1380
agccgagagt	gcgccacttc	actccagcct	gggcaacaga	gtgagactcc	atctcaaaaa	1440
aaaaa						1445

<210> 3987

<211> 761

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (691)...(395)
<223> similar to gi9451 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3987
gggtcgacga ttccgcccc tttgggcttt ttttttggcc atccgcaaaa tgagtgattg 60
gatgagaggg cctttgcact cccttgacac tttatgtgat taattgcctc tttctgaacc 120
ccagacctca ggtccccctt accttgccct taaaacagga aggagtggga ctggaggttg 180
tggacgggga gggaaaacct gagttggggt tggggctcca ggatcctctc ccaggtcttt 240
tccttggtc cātaacattc ggtcctctgg cccctcaac gctctgtccc ctgtttccct 300
ctgcccaggc tctgggagcc agatagagca ctccctggtg ttggtgctgg caacaccacc 360
tgctgcagct accaggcctt ccttctctg ctccaggtgg aatacctgct gaaaaaggta 420
ctcagcagca tgagcttggg ggtgagcttg ggtgagctgg aggagcttct ggcccaggag 480
gccaggtgg cccagaccac cggggggctc agcgtctggc agttcctgga gctcttcaat 540
tcgggcccgt gcctgcgggg cgtgggccgg gacacctca gcattggccat ccacgaggtc 600
taccaggagc tcatccaaga tgtcctgaag caggtcaggc aagctgggaa ctaggggaag 660
cacacaaggt gcagggcgaa ggggggcctg ggaagcctct gacgtaactc cggctggcag 720
ggctacctgt ggaagcgagg gcacctgaga aggaactggg c 761

<210> 3988
<211> 1333
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(677)
<223> similar to gi2088844 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3988
tttcgtacca tgggcagtga gcagagctcc gaggccgaga gccgaccaa cgatctgaac 60
tcctcagtga ctcttcacc agccaagcat agagccaaga tggatgatat tgtgggttga 120
gctcagggct cccaggcctc acggaacgtc agcaacgatc ccgatgtcat caagttgcaa 180
gagattccaa ccttccagcc ctttttgaaa gggctattga gtggccagac tccccāaca 240
aatgccaaat tggagaaact ggactctcag cagggtgttg agctctgcct ccgatatcaa 300
gatcacctgc atcagtgtgc agaggccgtt gcttttgacc agaattgctt ggttaaacga 360
atcaaagaga tggatctgtc tgtagaaact ctgttcagct tcatgcagga gcgccagaaa 420
agatacgcca agtatgccga gcagatccag aaagtgaacg agatgtccgc catcctccgc 480
cgcatacaga tgggcatcga ccagactgtg cccctgctgg acaggctcaa cagcatgctg 540
cccaggggcg agcggctgga gcccttcagc atgaagcccg accgcgagct caggctgtag 600
ctgccgcccg gcctgcctgg ggctgggagc cccagacacc gacaccctga ggacgtgtgg 660

agctaaggctc	atatcatctg	accaggctctg	gaggctggcg	ggaggctccc	tgaaagtggg	720
tgcaaggag	tccggctggc	atgaaaatct	gactttgccc	agctcttttc	cttgatgcag	780
gttcccagtg	tggaaggaaac	ctaaccagtt	ctcgggtgata	actgaagctg	gaacgtgtga	840
attattagga	attctttgaa	gaactctgca	ttgagaatta	tttttattta	gttttttttt	900
tttttaattg	agagtataata	gtccagtgca	ggtaccggaa	taaaaaatatg	gagacaaggg	960
gaaaatattt	tacgaagctc	tgtgttctca	acgccctcat	gaacttttca	gtaggctgtc	1020
tggtttatgt	gtggtcaact	tgaaaaacta	attgaatcta	ggtctctgta	ttgttcctgt	1080
ttctaccctg	actgtttccg	tcacaccaag	cccttatctg	gggcgcgtct	tcctgcccag	1140
gtggaacact	ggcattttgt	tgactgtcag	gttaggtgtc	ccttagtcgt	catcagaagc	1200
tgaagccttc	ctttccacac	cctcatcaga	ttcatctcca	ctgataaccg	gtttccttga	1260
tgcagacata	gtttagcttt	ctttgactgc	agagatgtct	cattccacag	acattttctt	1320
aaccatttg	atg					1333

<210> 3989

<211> 878

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (136)...(816)

<223> similar to gi202676 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3989

cggggtcacc	caagcccttg	tgcttgctcaa	gcgtcttctgt	tttcacaaca	tcgtagattc	60
tttctttgaa	gcctaggcgt	tgatgggagc	tgtctggagc	aggggtcccc	agcccccagg	120
ccgcagactg	atactagtcc	atgacctgtt	gggaactggg	ctacacagca	ggaggatctc	180
taccaccagt	cctatgaatg	cgtttggtgc	ctcttcgcct	cagtcccaga	cttcaaggag	240
ttctactctg	aatccaacat	caatcatgag	ggcctagagt	gtctgaggct	gctcaatgag	300
ataattgctg	atthttgatga	gctgctctcc	aagcccaagt	tcagtggggg	ggagaagatc	360
aagaccatcg	gcagcaccta	catggcagcc	acaggcttaa	atgccacctc	tggacaggat	420
gcacaacagg	atgctgaacg	gagctgcagc	caccttggca	ctatggtgga	atttgccgtg	480
gccctggggg	ctaagctgga	cgtcatcaac	aagcattcat	tcaacaactt	ccgcctgcga	540
gtgggggtga	accatggacc	cgtagtagct	ggagttattg	gggccagaa	gccgcaatat	600
gacatttggt	gcaacacagt	gaacgtggcc	agccgcattg	agagtacagg	agtccttggc	660
aaaatccaag	tgactgagga	gacagcatgg	gccctacagt	ccctgggcta	cacctgtctac	720
agccgggggtg	tcatacaagt	gaaaggcaaa	gggcagctct	gcacctactt	cctgaacaca	780
gacttgacac	gaactggacc	tccttcagct	accctaggct	gagattgcac	tcgccttcta	840
agaacctcaa	taaagagact	ctgggggtgc	tggagccc			878

<210> 3990

<211> 433

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (344)...(118)
 <223> similar to gi4262296 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3990
 ctccagaaag ggaaaacagc acggtgaagg ggagcatcaa atctgtcttg ctacttctgc 60
 atgaaggaaa tgaagggtca tgaaaaactt gtccatgggc caggggtgaa ggaatgggtg 120
 gggaccagat tccatcaaga ggccccatgt aaatggaagt tgctgttgca ggctgggtatt 180
 gggcttgcaa ggtcatctat aggtgaaatc attataatct agaagatata aacttaatga 240
 gagtggtaaa aaggcagggg ccaaataagta aaagaagaat gatgaggaat aaagggtccaa 300
 ggaatgggag aagccaagtg atttttggaa accaaccagt aaagggtttt gccaggtttt 360
 gattactttg agaaagtata tgctagctca ctttggctat cacttatttt tgcatttcat 420
 gtccaatata atc 433

<210> 3991
 <211> 1046
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (11)...(757)
 <223> similar to gi3012097 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3991
 ggcacgagtt ttcaaagact aagccaagtc caagactttg gatttcattg atgtgcttct 60
 gctgaacaag gatgaagatg ggaaggcatt gtcagatgag gatataagac cagaggctga 120
 caccttcatg tttggaggcc atgacaccac ggacagtggc ctctcctggg tctgttcaa 180
 ccttgcgagg caccagaat accacgagcg ctgccgacag gaggtgcatg agcttctgaa 240
 ggaccgcgat cctaaagaga ttgaatggga cgacctggcc cagctgccct tctgacat 300
 gtgcgtgaag gagagcctga ggttacatcc cccagctccc ttcattctcc gatgctgcac 360
 ccaggacatt gttctcccag atggccgagt catccccaaa ggcattacct gcctcatcga 420
 tattataggg gtccatcaca acccaactgt gtggccggat cctgagggtg tgcttcccc 480
 attcaccacc accacccccca tctctactt ttgtgtgtgt gtgtgtgaat tccaagggtc 540
 ctagtggagg gggcaggggt ttgatgagga aaatccaaca tcacctcacc ccaaaacaca 600
 cacaagtgtc tctccaaggc tgctggacat aggaaatccc actggcaaac cttttttgtc 660
 tcacctgcag gtctacgacc ccttccgctt tgacctcagag aacagcaagg ggaggtcacc 720
 tctggctttt attcctttct ccgcagggcc caggtgaagag cgccctgtgt ctgaggcagg 780
 gatgggatga tgggtgcggg agttaaaaaa agggggacgt tgcagatggt cccagttcca 840
 gctctccttc cctccattcc ttcacagttt atgggaaaac gtccatagaa tggggatgag 900
 tagcgtccta gaggggtccg cggagtgtc aaaatcccct tctccatctg ctggtctgag 960
 ctgggagctg gagtcaggcc cagtctccgg gacatacaag cccacatggg agtcccaggc 1020
 acgcttagtc tttctctctc tctctc 1046

<210> 3992
 <211> 596
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (281)...(39)
 <223> similar to gi4902474 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3992

tttaacacca	gactatcacc	actttaattc	tcctccctgg	ccctaactac	tgaatttttt	60
attaaagcca	taagctgcga	tggaaacctaa	cctctgtgcc	ccttcaatgt	ggaacatgtg	120
gtcatcaaag	aagatgtggg	gccggatcct	caccaagatg	ggacttttgg	gggctccagc	180
aaggaaaaga	gcttcgtcta	tctctagacc	ccagcgtcga	agggtcttca	gcacacgggc	240
gectgaactg	gctgcactcc	tagctgtaac	cagccatcat	ccatggaaag	tccagattag	300
cctcctggat	ggatttgtga	gaagcagagc	ctctcctcca	agccagagaa	gccatttgtt	360
accagctcgc	cctattagca	taccatgtgc	ccaggagtaa	acagtgccca	gagatgctct	420
ctgcaccaca	ccaccactgc	tggggtcggg	gagcggagtt	ggtgatccag	gaatgttttc	480
ctgtttcttc	agtgcctctt	tcagtgatat	gaagttaaaa	ccagggacac	aggagagaat	540
taagctgaca	ccaggagaca	cagctgacac	tggggagaag	tggtgaagac	agcatc	596

<210> 3993
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (783)...(593)
 <223> similar to gi4835575 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3993

tttttttttt	ttaagaccct	catcaataga	tggagacata	cagaaatagt	caaaccacat	60
ctacaaaatg	ccagtatcag	gcggcggctt	cgaagccaaa	gtgatgtttg	gatgtaaagt	120
gaaatattag	ttggcggatg	aagcagatag	tgaggaaagt	tgagccaata	atgacgtgaa	180
gtccgtggaa	gcctgtggct	acaaaaaatg	ttgagccgta	gatgccgtcg	gaaatgggtga	240
agggagactc	gaagtactct	gaggcttgta	ggagggtaaa	atagagaccc	agtaaaattg	300
taataagcag	tgcttgaatt	atttggtttc	ggttggtttc	tattagacta	tggtgagctc	360
aggtgattga	tactcctgat	gcgagtaata	cggatgtgtt	taggagtggg	acttctaggg	420
gatttagcgg	ggtgatgcct	gttggggggc	agtgcctctc	taattggggg	gtaggggcta	480

ggctggagtg	gtaaaaggct	cagaaaaatc	ctgcgaagaa	aaaaacttct	gaggtataata	540
ataggattat	cccgatcga	aggccttttt	ggacaggtgg	tgtgtggtgg	ccttggtatg	600
tgctttctcg	tgttacatcg	cgccatcatt	ggtatatggt	tagtgtgttg	gtagtaggc	660
ctagtatgag	gagcgttatg	gagtgggaag	gaaatcacat	ggctaggccg	gaggtcatta	720
ggagggctga	gagggccct	gtagggggtc	atgggctggg	ttttactata	tgataggcct	780
cgtgcc						786

<210> 3994
 <211> 2278
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2279)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (520)...(800)
 <223> similar to gi5901651 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3994						
ctatttgggg	acccccgggt	tttccccgtc	cccccgttgt	taaaaccg	cccgatgaat	60
taattttggg	ggccccaaaa	aaaaagtttt	accttgccag	gccggggaag	ttaaattgga	120
tcctttaaaa	cggccccccc	tttttttttt	ttttataagg	ataagcaagc	ttttattccg	180
tcaagagaac	aaaggtcagg	acttttatcc	tggtgggggg	atggggagtc	cagattcctt	240
ctctgatgag	gcaaaaaaag	aatcaagact	cctgttcaag	taaagggcag	aggggtgagag	300
ctagtactct	tattctagaa	aggaagtaga	tacttttctt	tgataaagga	atgaacggta	360
gactcctagt	ttgcagaaaa	ggtgggaaag	atgtgacttg	tacttttggt	aggagatagg	420
gaaggaatta	aggctattac	tctgaagaaa	gttggggggc	cagggctcct	atttttttgc	480
tgaggagatg	gaagatcagg	gcttgatttc	aataagaatg	ggaggggcca	ggggatgcct	540
ggcaaaagcc	ttgcaactgt	aggtgcaggt	agaggctttt	attctggtga	gaggacatgg	600
actctctctc	tccctcagg	taactgtgcc	tggtaccagc	ggggaggctg	gtggtaccat	660
gcctgtgccc	actccaacct	caacggtgtg	tggcaccagc	gcggccacta	ccgaagccgc	720
taccaggatg	gtgtctactg	ggctgagttt	cgtggtgggg	catattctct	caggaaggcc	780
gccatgctca	ttcgccccc	gaagctgtga	ctctgtgttc	ctctgtcccc	taggccctag	840
aggacattgg	tcagcaggag	cccaagttgt	tctggccaca	ccttctttgt	ggctcagtgc	900
caatgtgtcc	cacagaactt	cccactgtgg	atctgtgacc	ctgggcgctg	aaaatgggac	960
ccaggaatcc	cccccgtaa	tatcttgccc	tcagatggct	ccccagggtc	attcatatct	1020
cggtttgagc	tcatacttta	taataacaca	aagtagccac	agaccgtgtc	tggtttgtat	1080
ctgcacctgg	caggggtcac	tccctgggcc	cgcctcctc	gtcctccacc	tcctcctctt	1140
cctcctcctc	ctccttcagg	tcctccagga	tgaggttgtc	caggtcttcc	aggaggccac	1200
cctggctcaa	gcaggtggcc	acagtggagc	cactgcta	gtgaggggtg	ctggggtgga	1260
gcactttggg	caggtggttc	tgcttccggc	tcttgggggtg	agcacaggat	gtcccaggca	1320
cgtggggctc	tcgcccgttg	tagcagtcgg	cagctgagca	ggagtgagtg	tggtgtctgc	1380
ggcgatccgg	gtcccgggtc	cagcgccggg	ggaggatccg	tggtggatac	acggggaagc	1440
cgcacccgta	gcagggggac	ggggacccca	tctgtgccca	gcccctgggg	gcgggcaggg	1500
ctgtgagggt	ccgagggcga	ggctggggcca	gggtggggcc	agggcaggga	ggggcagggc	1560

tggggtaggg	cagggctgag	ggggagctgg	gggtcagcgc	cctcaccgga	agttgtgccg	1620
acacttcggg	cagtggaact	cagccaggcc	ccacatcttg	tcagctggca	ctggctcgta	1680
gcgcttcggg	catttcggg	accgggatac	ctccttcggc	tggggcacgc	ggcgccacca	1740
gacgtggtcg	caggaggagc	aggcaaaactg	ccggtccaca	gcagggataa	ggtcgtcctg	1800
ggcacgttga	aacatgcgta	ggttggtctt	tgtcagtggc	aggagggagg	tcgccactgc	1860
ctgaatgtcc	cggctcctgt	tcatactctt	tggtggatcc	tgggcatcca	gatcgttact	1920
tagttcttgg	ccatcttttt	gctttacccc	gtacacgatg	gagcgcccca	ctcccgtgtg	1980
gtcgtgcgcg	aatttcctca	tcagagcccc	cgccttcttg	gaggatacct	tcccatgaaa	2040
cttctcccg	aggcgccgga	cgctcttctc	cagctccaca	ccttcctgag	acatggtggc	2100
ggcgccgcag	ttccccgcga	gggtccgcac	tgcgcggtc	agccgcccc	ctacctgggt	2160
gcgcccgtcg	gtccagcagc	cgcgcagggc	agggggcggt	gcctcggggc	cggctgantt	2220
ccnccnctg	gccagggtca	tcaaaggat	caaaacngcc	tctnctggc	atgctgct	2278

<210> 3995

<211> 1307

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (182)...(736)

<223> similar to gi244774 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3995

ggcggaattc	agagagtgag	accctgtatc	aataaagaaa	gaaagaaaga	aaagaaacag	60
aaataaactt	aggacacagc	agacggccca	tcctgagggg	accacatagc	agatgctggg	120
accttttttc	aggtggacgc	cacatgacct	ttccttttgc	ggcatccatg	ctgatgttca	180
caaggcacac	agcatttcag	ctgaagaaag	aactggcagg	atcttcatca	cgaaagggca	240
ctgtctatcg	tttatgaaaa	tgaagcatat	gaagtaaaag	tttggaacaa	gatggaatta	300
aatcttctga	cagattttta	aataagatct	aaaaaagagc	aagacatgct	cttggatggg	360
gaaacttaat	atcagaaaaa	tgtcaatttt	cccatttttt	ccatataaat	ttaatgtaat	420
tcaaattcca	ttaccaacag	ggtgattttt	taaaaaacta	gataaaatga	tctgaaagat	480
tatgcagcag	aataaatgcc	caagaattac	caggggaagc	tggaaaaaag	actgctgtgg	540
gggttttgcc	ttcctggaaa	taagaccata	ctgcaaagtc	actgtaatca	gatcaatatg	600
gcattggcag	aggactagac	aatggaaagg	aatggagaat	acaaaaataa	gttttcaggat	660
atatgagaat	gagatatatg	ccaaaggtag	tatttttgatt	cgggtgggaga	agggcagact	720
gtgaagtaag	tgttaccagc	cacaactgaa	tatccatctg	ggataaaaata	aaattgcact	780
cgtcttagag	atccaaatca	acttcagatg	gattaaaact	ttgaatgtaa	aaaacataaa	840
tgactaacag	tcctgcaaaa	tatcttggag	acaacctgtg	ccatctggag	agtgggaaga	900
gcacatgcaa	aggccaagg	gtggagcagc	ccagcatgtt	ctggaaaaag	tagggctccc	960
caaggctggg	atgatggtgg	agacctgggt	gtgtgggagc	acaggggtgg	gggcccgtgg	1020
gccaggaatg	cacagagagg	ggctggtgct	ctgccgcagg	cccaagcccc	caaagcccgg	1080
tcattcccag	caccatcttc	acgggtttct	gccaggtctt	ttctgctgca	tctcttcttc	1140
ccccgattcc	ttaatcattt	tttttaaaat	cagttcatgt	ctttgtaaac	caaattattt	1200
ctaaaaggca	aatttatatt	actgccgaaa	tcaagggtca	gtgagctagt	tgtgtatggt	1260
ctgaatcaca	tggaaataaa	tgcacgaac	attaataagg	aaaaaaa		1307

<210> 3996
 <211> 1020
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (33)...(345)
 <223> similar to gi4589582 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3996

aatcgaacac	tgtaccaact	ggcggaattc	caatccctga	gcgctatgtg	gagctagatc	60
ccgaagagcc	acccagcctt	gaggagctgc	aggcgcggtg	ccgcaaagcc	gagaagatcc	120
gcaacatcct	cgccccgtca	agcatgtgca	acctacagcc	gacctcaggc	caggaccaga	180
acagtgtggc	tgacctggac	ttgcagctgc	aggagcagga	gcgcatcatc	aacatctcct	240
acgccctggc	ctccgaggcc	tcccagcgta	gcaagcaggt	ggcagcccag	gcagtgactg	300
acccgtgacc	cagcatgcaa	agaagcctgg	agccaggggc	ccagtggaac	cagcttcctc	360
caaggagatg	acctttctgc	ccccaaaggaa	accccttcca	gctgagcagg	gaatccggcc	420
ggaggaagga	gcagcttacc	gactgcgggt	gttcaccaca	ggccaggccc	taatatgcac	480
ccactagtgt	agctcagact	cctctctaca	tatgaatggc	aaaggcactt	ttgatataca	540
ctgtaaaata	cactgtatgt	tagaatcgga	atctattttc	taatgttccc	ctcaagggct	600
gagtggcagg	aaggttgagg	atgcaggact	ttgcagctgc	acgtacagat	tcaggtactt	660
ctgggtgaca	ggtgttgttg	gggcaggaag	ggcggggcaa	gccgaggcta	gtccaacttc	720
caatgacctc	aggagaaagt	gagatttaaa	gaggtgttcc	cagtagactc	cagcaagagg	780
ctgggtggcg	tgctgtctgg	gagaagaggg	gcccttggct	gcagagatca	gctgtccctg	840
acctgatgac	cagctctgtg	tgaaactcca	cgaggatcac	acgtggagcc	caagtctgtg	900
ccttgccccct	tgggtttggc	ttaagggcaa	cagtgtgttc	aagaggactg	gggcccacaa	960
cctgccccca	ggcttcctcc	agcaaaaaggc	ttttttcttt	ctgacagttc	tagatcgcca	1020

<210> 3997
 <211> 1095
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (19)...(7)
 <223> similar to gi3172339 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3997

ggcctgcagc	agctgtcggc	gctgcagcct	gagccggggc	gggtcccgtc	gcactcgtcc	60
tggaccttct	ggctcgacag	atccctccct	ggtgccacag	cagctgagtg	cgcatcaaat	120
ctgaagaaaa	tctacacagt	acagacagta	cagatatttt	ggagtgtata	caataatatc	180

cctcctgtga	ctagcctgcc	tttgagatgt	agttatcatt	taatgagagg	agagaggcga	240
ccactttggg	aagaggagag	taatgcaaag	ggtggcgtat	ggaagatgaa	agtccccaag	300
gacagcacgt	ccacagtttg	gaaagagttg	ctgttagcaa	ccatcgggga	acagttcaca	360
gactgtgccg	cagcagatga	tgaagtaata	ggagttagtg	tcagtgttcg	ggaccgagaa	420
gacgtcgtcc	aagtctggaa	tgtaaatgcc	tcttttagtgg	gtgaagcgac	tgttttagaa	480
aagatctatg	aacttctgcc	ccacataact	tttaaagcag	tattttataa	accccatgaa	540
gagcatcatg	cttttgaagg	tggacgtgga	aaacactaat	tgcactctgt	aaagaattct	600
ttgtcctttg	ctgattgggt	ttggaaacgg	tcttaacagg	agggagagtg	aagagaagac	660
ttgccgaagc	cgatgctggt	caatttagag	tgggtttctg	tccttgacga	tgggcaatta	720
ggactcaaag	tggcaggtgg	ggtgggggga	gattgtgtgg	gtttctaccg	tcacattact	780
tgttttttaa	aaaaaacaca	cacaaaaaac	tttttttttg	gctttctaaa	atctctgttc	840
ttttcactct	gatttttttt	ttttttgccc	gtaaaaaatc	ctttatcccc	ccaaataatg	900
gttttcaacc	cccccttttt	attggggccc	aaaaaagggg	gttcccccta	aagaaccccg	960
gtggccccta	ttaaaggaaa	aatgccaaat	cgggaaaaaa	ccggttttga	aaacccccct	1020
tggccagggg	gaacccttac	ttggaaaaaa	ctgggttttt	aatttttggt	gggaaccctt	1080
ccttatgtcc	ggggg					1095

<210> 3998

<211> 1064

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (470)...(497)

<223> similar to gi2352427 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3998

cgctcaagat	ccttaactga	atcccatctg	caaagtcctt	tgtgtcatct	tgggtaacat	60
atgcagaggg	tccagagatt	agggcatagt	cagtacaggg	gacccttatt	ccacctacca	120
gagagggtcc	agatgaggac	tgggtgaggg	gacgcagggg	aagggctggc	ccggccccta	180
ggaggtacca	agtgtcagc	tagtagcacc	tgtcatggga	tacagaaccg	gccagcaggc	240
ctttgaagcc	agggtcctag	ggtcacccac	cccaaccctt	cctactcctt	tctgcactcc	300
agactctgaa	gaactggcgg	cttcagcagt	acagccacga	ctcggcagac	ccaggcatcc	360
tcgtgctcct	ggcctgcggg	accatatcca	gcacctgcgg	ccaaatagcc	ccttaccgcg	420
tggccctggt	ccggaccgcg	atgcaggcac	aaggatttca	tcattgttgc	caggctcatc	480
tcgaactcgt	ggggacaagg	aattggccag	ccttcagcct	cccaacgtgc	tgggattaca	540
gccggtgggtc	atgccatgag	caaccttatg	gagaggacca	tgtggtaagg	aactcagcca	600
atagccatgt	aactgagctt	ggaagaggat	cttgctgtcc	tggccaacat	ctcactgcaa	660
ttctatcagt	tgaattccct	ggatagtcca	agctttgtgg	atccctccac	cgaaacaact	720
ggatcccagt	acctgaatcc	tgaatcttag	actcttatac	ttcaaact	gatcacggga	780
acagccgggt	cagcagctcc	tgagttccta	atgctcagaa	catggatgag	atgataaatg	840
tttgttgtgt	taagctgcca	acctttggcg	ggggggtaat	tcgtcacatg	gcaacagctg	900
gctaatacat	atatacctac	atgtaaaaaa	aaaaaaaagg	ggcggccggt	taaaagggaac	960
aaagtttact	taccggggcg	tgcgagtga	tatttttttt	atggggcccc	ctaaattaat	1020
ttcccggggc	gtcttttaac	aacgtgggga	ggggaaaacc	cctg		1064

<210> 3999
 <211> 1567
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (544)...(1001)
 <223> similar to gil657464 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3999

cccacgcgtc	cgtccaggc	tctggagtg	cctcatgctg	gctaagttct	ctctgggctc	60
ctccaggggt	tctgtgtgt	cttggaggtc	cctctgctag	tgggtggctaa	ctagagagtc	120
agcagggggg	tgactgggaa	agagggagag	gtgatgttgc	ctgctactcc	cctccttgcg	180
gaccctcata	ccacatgacg	tggcggcgtg	gggccaggaa	ctaggggaagg	cagaaggcgg	240
gcgcagtggg	cagctctctg	ggctcagctt	gctgaggggg	cctcctgtcc	tggctctttc	300
tgggagacct	cattcttctg	cccatgttcc	tgcttcacac	attccccgtg	atgaacgctg	360
tgggcggggc	ccggcctgtg	ccctcagtc	cacagctcct	ctagtgtacc	tgccccgtgg	420
gaaccccatg	tggaaagagc	cctcagaact	gacaggaatc	agggacagag	gcccttgctg	480
tcagcctcct	gggcacctgc	acctgccagg	cctctcttct	ttaccagccc	agtgtgctg	540
ccaaaatcca	gggctatccc	agctgcccg	gacccagtt	gagccgggat	atttgtctt	600
ctggagatgg	ctggtgggca	ggcctcagtg	gtcatcatag	ggtctgcggg	ggtcctgggg	660
tgcaggtggg	gctcctcagg	gaagagccat	agtctgtccc	caagtcggaa	gggtaatctt	720
catcttctct	cacaggagcc	acaaaccact	gtggtacaca	acgctacaga	tgggatcaag	780
ggctccacag	agagctgcaa	caccaccaca	gaagatgagg	acctcaaagt	gcgaaaacag	840
gagatcatta	agattacaga	acagctgatt	gaagccatca	acaatgggga	ctttgaggcc	900
tacacgaaga	tttgtgatcc	aggcctcact	tcctttgagc	ctgaggccct	tggtaacctc	960
gtggagggga	tggatttcca	taagttttac	tttgagaatc	gtgagtgggt	tcgtgctgct	1020
gatatactcc	tgcctgcccc	tttaccctt	tgtctctgtc	tctgtctcac	cttctcatcc	1080
cagttgccca	cttttccctt	at ttgacctt	cgtgctgcac	tcctactctg	tatgcttgct	1140
cccttggtgcc	ccgatgggtg	tagacaggca	cctttgaagg	ccctgtcct	gagctccaag	1200
tgccattcat	tctgcagctg	ctttgtggca	gtgccagtca	ccacaatcaa	gctcacttat	1260
ttcttgccgg	gcgcggtggc	ttacgcctgt	aatcccaaca	ctttgggagg	ctgaggctgg	1320
cggatcacga	ggtcaggaga	tcgaggccat	cctggctaac	acggtgaaac	cccatctcta	1380
ctaaaaatac	aaaaaattag	ccgggcgtgg	tggcgggtgcc	tgtagtccca	gctactcggg	1440
tggctgaggc	aggagaatga	tgtgaacctg	ggaggcagag	cttgcagtga	gccaagatca	1500
ggccactgca	ctccagcctg	ggcaacagag	caagactcca	tctcaaaaaa	aaagaaaaaa	1560
ttatttta						1567

<210> 4000
 <211> 1273
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1239)...(731)

<223> similar to gi733558 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4000
cccagcccgg cgaggtgtct aactgagtgt aaggtaaaat gctcaagggg agcggtgcc      60
ccccccccc cgtttcagga gtccccccgc cccccccgtc ttcttcggtt attgggcctt    120
ttattatgtt tgtgttgggg tcctgtaaag aaaatatata ttattataa aataaagtta    180
gtttcatgaa gagagtagaa aaataacact atgagctact aaaaaagttg tggaaactcag    240
tctccgagga ttggggtgag aggcctttcac atcactctgg aaaccaccca acatgaggct    300
ctccgtgctc atgtgggaca ggtatagcac agctcgtaca gggagcatgt ggctcaggct    360
ctgcttgaag cccaaggagc ctagatgggc cacacgagat gctctggcca cggatgacaa    420
ggaggagaac ttgaggtcag caggggactg gttctgagaa ggggcaggat ggggaataacc    480
ttgcccctcc ctatactgga gtgtagaaga gtctcttggg ctgatgggcc tggtttagaa    540
gatggtaccc actggcctta tgctgagttg cttgcccata tgtctgtgct gaagaaaagc    600
cacacagcct ttctcaggac aacttgcccc accaattctc actggtgtgg cttaaagtacc    660
agaagcaata tgtgtgggtg cagcctgatg ggctgctggc tgaaattctg tacttcaaatt    720
cgtgtccata ctggagaaag cagccaaggt gagcacctca agtaaaagct ctgagccaca    780
gaagaagagc aagatgccat tcatgatggc ttccaggcgg agtacgtagg tctgcagcag    840
caggtaatag gaggcatca tggcagatgg gaaggtcaag gccacgctaa tactgagtgg    900
catctttcgc tggcagaggt ttccctttgt accaaaaaac aggcgaatta cttcaattcc    960
aagataaagg aggagcatca ccacatccag tactagggtta gctgttggat atggtagcag   1020
gacaccttta tacagaaata tgaaaagtcc cagcaggaaa taggtagcat tataccaccc   1080
gttcagaaaag aacaggattt ccagcggggg ggaggacaac cgtttacctc cggaatctca   1140
cctcgcgggc ccattcttcag tccccgtggc agcatacgct gccacaccgg ctcccgagc   1200
agcgcgggcg tgccggaaac agggacgaag cggcctgggt ttccggcccc tctgcccggc   1260
cgggacactc tgg                                     1273

```

<210> 4001
<211> 728
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (724)...(317)
<223> similar to gi2117196 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4001
ctttccacac catggtccaa gggaagggct gccctgtctg aagagtcccg ccacttgta      60
ggatgagacg tggaaaatat tggtgctgta acttaaaaaa caagaccagg ggggttggct    120
gggagcaccg gccagcaggc cctgctgagc ataaaccccc tccactggag aaggcgtggc    180
ccctgcccac ctggaccctt ctggaatga gggaagtgtc aacagcagtg cccatcccac    240
aagcattaaa ctcgggagggt ggagactctc cagcagaaaag ctgggcagca gagtggctct    300
gcccctcggc ccacaaaggg ccttgggcga gcatgggcat gcctgggtgtg tgcccactgg    360
ggtccatccc tgccagtggg gttccaggga cctcggggac cgggctgctt gggcccttgg    420
actctaggtg agccgtgaga gcgggctggg gcaggcggag cagctgcctg cagggcaggg    480

```

acacgggtcag	gggctacctc	ccggacaccc	tggcctctcc	acaggcagct	atccatgatg	540
ctgatgctgg	cgcagtcaaa	cccgcagctg	ttcgcgctta	tgggcacccg	ggcaggcatc	600
gccagggagc	tggagcgtgt	ggagcagcag	tctcggctgg	agcagctgag	tgcggcagag	660
ctgcagagca	ggaaccaggg	ccactgggct	gactggctac	aggcgtacag	agcccggctg	720
ggacagga						728

<210> 4002

<211> 1397

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(589)

<223> similar to gil522683 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4002

ggcacgagtg	aaggcagggg	cttccatcgt	tggcgtgaac	tgccgctttg	ggcccagagac	60
cagcttgaag	acgatggagc	tcatgaagga	gggtcttgag	tgggcagggc	tgaaagcgca	120
cctcatgggtg	cagcctctgg	ggttccacgc	gcctgactgt	ggcaaagagg	ggtttgtgga	180
tctcccagaa	tatccctttg	gactggagtc	cagagttgcc	accagatggg	atattcaaaa	240
atacgccaga	gaggcctaca	acctgggggt	caggtacatt	ggcgggtgct	gtggatttga	300
gccctaccac	atcagggcaa	ttgcagagga	gctggcccca	gaaaggggct	ttttgccacc	360
agcttcagaa	aaacacggca	gctggggaag	tggtttggac	atgcacacca	aacctgggat	420
tagagcaagg	gctcgaagg	agtattggga	gaatctgctg	ccagcttcag	gcagaccttt	480
ctgtccttcg	ctgtcaaagc	cagacttcta	aggagtagtg	aaagaaaacc	ctgaaataat	540
cgaacaggaa	aaagttgccc	tcaagcctga	cctggaaccg	ttcctcacct	tcatectcac	600
catgccctgc	tatctccagc	tgctgagcag	ctgaggtgct	gcagcccctt	cccttccagc	660
ccacaagtgt	gtgcatattg	agtcctgct	gtggttaagc	actgcaacag	actctaccag	720
agatgcaaag	agaagcgaga	gaggcacctt	gttctccaag	aacttactgt	ccaatcatgc	780
tgtggtgcat	tcctttgaag	atcatgaaga	atagccaaac	ttgtctttga	gggtgaattt	840
gacactttaa	aataatcaga	agtcactgag	acccaaagct	agtgaataat	tcaagtgact	900
aagctagata	cttgaggatg	atagagcaac	actaaactaa	agcaatgagt	ctgctttttt	960
taatgattta	tacaatgact	ccaaaggcaa	tcccaaagaa	aagatgtaaa	gaatgttttg	1020
agcaatggta	gcattattga	aataaatgtt	taactatcca	aagtgattac	tttcaaagat	1080
gattttttact	taaagatatt	aggtctggcc	aggcgaagtg	actcacacct	gcaatcccag	1140
cacttttgga	ggccgaggcg	ggcggatcac	ctgaggteag	cagttcaaga	ccagcctgac	1200
caacatgggtg	aaaccctgtc	tctaccaaaa	tacaaaaatt	agccggggcat	gatggcgggt	1260
gcctgtaatc	ccagctactc	gggaggctga	ggcaggagaa	tcgcttgaac	ccaggaggcg	1320
gagcttgcat	tgagccgaga	tcaggccatt	gcacttcagc	ctgggtgaca	gagtgaagact	1380
ccatctcaaa	aaaaaaa					1397

<210> 4003

<211> 857

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (820)...(593)

<223> similar to gi1872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4003

ttttttcaca	aattataata	ttttattata	gaaaaagggt	gccccaaatac	aggatttcgt	60
aaacactggt	aggtgaacaa	gtgcaatttt	aaaagtaa	ataaagtaga	ggcaaaacct	120
acaagcattt	tgccttcaga	agaaaaatcg	aatgttctcc	tgcactagt	atcccaccca	180
gaacacaaat	gtggctccat	ctcccatgaa	agcatcatat	ttgctttctg	agctcagtat	240
tcccatttca	ataattgcaa	agtgatggca	agaagtggca	ctgaatacat	tactacaaac	300
ccttgactta	aaatattgag	acaggggtctt	gccctgtcat	ccaggtgga	gtgcagtagc	360
gtcatcatgg	ctcactgcag	cctcctctc	ctgggtcaa	gcaatcatcc	tgtctcagcc	420
tcttgagtgg	ctgggaccac	aggtatgcac	taccatgtcc	atgcctggct	atTTTTTTaa	480
ttttttacgt	tgcccaggcc	agtctgaaac	tctgacctc	aagtgtatcct	cccaccttgg	540
cctcccaaag	tgtctggatt	accggcatga	gccactgcac	ccagccaaaa	cctttaattt	600
ttttttttct	tttttgagat	ggagtcttgc	tctgttgccc	aggctggagg	tgggagagct	660
gccggaagga	cttatcacag	taggagcagt	ggtagggtct	gacgccagg	tggatgcgca	720
ggtgctgggc	caggtaggag	gcgttgga	aggacttga	gcagtgcggg	cacttgtggg	780
gcttggctc	tgtgtgcgac	ttggagtga	tctgcctc	tgacttggtg	aaaaaggcca	840
gtgggcatac	cttacc					857

<210> 4004

<211> 2919

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(514)

<223> similar to gi2347100 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4004

attaacctag	gaaatacatg	ttatatgaac	agtgttattt	aagccttggt	tatggccaca	60
gatttcagga	gacaagtatt	atctttaaat	ctaaatgggt	gcaattcatt	aatgaaaaaa	120
ttacagcatc	tttttgctt	tctggcccat	acacagaggg	aagcatagc	acctcgata	180
ttctttgagg	cttcagacc	tccatgggtt	actccagat	cacagcaaga	ctgttctgaa	240
tacctagat	ttctccttga	caggctccat	gaagaagaaa	agatcttgaa	agttcaggcc	300
tcacacaagc	cttctgaaat	tctggaatgc	agtgaactt	ctttacagga	agtagctagt	360
aaagcagcag	tactaacaga	gacccctcgt	acaagtgcg	gtgagaagac	tttaatagaa	420
aaaatgtttg	gaggaaaact	acgaactcac	atacgttggt	tgaactgcag	gagtacctca	480
caaaaagcgg	aagcctttac	agatctttcg	cttgcccttt	ggccttcta	ttctttggaa	540
tacatgtcat	gtcctgactg	cagccaatca	cccagtatac	aagatgggtg	tctaatagcaa	600

gcctctgtac	ccggtccttc	agaagaacca	gtagtttata	atccaacaac	agctgccttc	660
atctgtgact	cacttgtgaa	tgaaaaaacc	ataggcagtc	ctcctaata	gttttactgt	720
tctgaaaaca	cttctgtccc	taacgaatct	aacaagattc	ttgttaataa	agatgtacct	780
cagaaaccag	gaggtgaaac	cacaccttca	gtaactgact	tactaaatta	ttttttggct	840
ccagagattc	ttactgggtga	taaccaatat	tattgtgaaa	actgtgcctc	tctgcaaaat	900
gctgagaaaa	ctatgcaa	cacggaggaa	cctgaatacc	ttattcttac	tctcctgaga	960
ttttcatatg	atcagaagta	tcatgtgaga	aggaaaattt	tagacaatgt	atcactgccca	1020
ctggttttgg	agttgccagt	taaaagaatt	acttctttct	cttcattgtc	agaaagttgg	1080
tctgtagatg	ttgacttcac	tgatcttagt	gagaaccttg	ctaaaaaatt	aaagccttca	1140
gggactgatg	aagcttcctg	cacaaaattg	gtgccctatc	tattaagttc	cgttgtgggt	1200
cactctggta	tatcctctga	aagtgggcat	tactattctt	atgccagaaa	tatcacaagt	1260
acagactctt	catatcagat	gtaccaccag	tctgaggctc	tggcattagc	atcctcccag	1320
agtcattttac	tagggagaga	tagtcccagt	gcagtttttg	aacaggattt	ggaaaataag	1380
gaaatgtcaa	aagaatgggt	tttattta	gacagtagag	tgacattttac	ttcattttcag	1440
tcagtccaga	aaattacgag	caggttttcca	aaggacacag	cttatgtgct	tttgtataaa	1500
aaacagcata	gtactaatgg	tttaagtgg	aataacccaa	ccagtggact	ctggataaat	1560
ggagacccac	ctctacagaa	agaacttatg	gatgctataa	caaaagacaa	taaactatat	1620
ttacaggaac	aagagttgaa	tgctcgagcc	cgggccctcc	aagctgcac	tgcttcatgt	1680
tcatttcggc	ccaatggatt	tgatgacaac	gacccaccag	gaagctgtgg	accaactgg	1740
ggaggggggtg	gaggaggatt	taatacagtt	ggcagactcg	tattttgatc	ctgagagagt	1800
ccaaaatgca	ctggtcacga	aacgtcta	actatgactg	taaaatgtc	agactataac	1860
aaatatctat	cttttatttt	tcattagacc	cttatacttc	aagagaacac	actcagtgtc	1920
tgttttttatt	ttcttgacac	atattattaac	aaaatgcac	atggaaaaaa	aatctacctc	1980
ttaaaattca	tttgctttta	tggttagaca	tgcttgacca	aaaatgttca	gaagaaaata	2040
tgtacctgg	ccctaattaa	gctgcgttaa	atgttgtaga	agcattttaa	tggtctatct	2100
tcagttttac	tgaacaaaaa	atgtaattta	tttagcattc	tttataaaag	aattgatgct	2160
agaggtaaaa	aaaaataactt	gtttttaaaa	aatcctttac	gtcttggtga	attaccccat	2220
tattaaattc	aagtccttga	aaatcaacta	gagattataa	agtctctaaa	gaaggcaata	2280
acaaaattta	tcaagatata	gtacttttca	gtttttgttt	agtgtcttca	gcactactgt	2340
gtctgtat	caagtacaaa	tgttttttaa	aaggattctt	tatacatatg	tgctgaattg	2400
attttaagaa	agttgcatga	tcctgtagga	gcaacatttt	tacctaaaaa	atgctaactt	2460
tatagtattt	ctaattgttc	aaggatttta	aaattctatt	tcagggagta	tatcttctgt	2520
ggttttgaag	gaggtgagtt	ctgtatgtgc	cttgcagtac	tgtaattcaa	aaataggaat	2580
ctttggctgc	aaaattttta	tgaaatgtta	ggaagtaatt	ttcgtgctaa	cattaaaatt	2640
ataacttttt	gaaaggta	agattttcca	gaagtaaaat	ctgatgggtc	taaatcaatc	2700
aatgtgatag	ttcattttta	actcttagaa	gaattcagag	gaaattaacc	cagctaagta	2760
aaaaatctgt	cttgattttg	ttacttattc	ctcagaatat	taaacattga	tcacatattt	2820
ttagagtttt	acatttgggt	tttttgtttg	tttgtttcag	tcatatgttt	ggcactgttg	2880
tttctatttt	cgtagtttta	gataaaatgt	taaaatgccc			2919

<210> 4005
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (644)...(770)

<223> similar to gi307095 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4005
gactgaggta ggagaatccc ttgagcccgg gaggcagagg ttgcagtgag ccgagaccac      60
accattgcac tccagcctcg gtgatagagt gagactccat ctcaaaaatg atacagaagt     120
tatatccttt ttttgttttt agacagtctt gctctgtcac ccaggctgga gtccagtggc     180
tcaatcacag ttcactggct cgctgtagcc tcaacctcct gggctcgagt gatcctgcag     240
cctcagcctg ctgagtagct gagactgcag gtgcacacca ccatggccgg ttgattttat     300
tacttttagag ccagggtctc actgtattac caaggctggt catgaatttg taaaagattt     360
tcaaaggaag gaaggaatga cttaccacaga gtgagcaaca gttttgggta aactgatggc     420
attcacacta cttgtaattt cctcctaggt gtgatctgtg ttttattttg cacttttaat     480
gaagctacct tatcgagata agtcttcccc atggtgtcat aggctggcat cacagcttta     540
tggttaattg cagcccagat tatacgaggt ccccatgcc atgtagatgg gatgccactt     600
gtatgtagca tttccagtca ctctctcctg acctttcccc ccagataatg aagggtcttg     660
aagcaaaagg cccaaggtgg agtattcaga agaggagatg aagaccaca tcagcaaggg     720
tacgctgcgc aagttccctg tgcccgtgtt gaaataggca aaacgggaat aatgggtgcg     780
gnggcgtgt                                     789

```

<210> 4006

<211> 2314

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(1070)

<223> similar to gi3860741 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4006
ggaattcgcg agaagcgctg cagttactgc aacttcaaca agtacatccc ttttcgcctg      60
gattaggctg ccatgcagaa gtgtctgggtg accgaagctc atacgctgct gcggctcagc     120
ggggtgcaac ggggtggagtc tgtgttcttt ggtgggggga ccccagctct agccagctccc     180
cacacgggtg ctgctgtcct ggaggctgtg gcacagacag cccacctgcc tgcagacttg     240
gaagtcacat tggaggctaa tcctacttca gctccgggct ccagactggc agagttcggg     300
gcagcagggg ttaacagggt gtctataggc ctccagtccc tagatgacac tgagctccgg     360
ctgttgggac ggacgcactc ggectgcgat gctctgcgga cgctggcaga ggcccggcgc     420
ctctttcccc ggcgcgtgtc tgtagacttg atgctggggc tgccggcaca gcagggtggg     480
ccgtggcttg ggcagctgca ggaactgctg caccactgtg atgaccacct ctccctctac     540
cagctgtccc tggagcgggg caccgcactc ttcgcccagg tgcagcgggg tgcccttcca     600
gcccctgacc cggagctcgc agctgagatg taccagaggg gccgggctgt ccttcgggag     660
gctggcttcc accagtatga ggtctccaac tttgcccgga atggggcgct cagtaccac     720
aattggactt actggcagtg tggtcagtac cttggcggtg ggctggggc ccatggacga     780
tttatgcccc agggggctgg aggccacacc cgggaggctc ggatccagac actggagcct     840
gacaactgga tgaaggaggt gatgctgttt ggccatggca cccggaagcg tgtccccctg     900
ggcaggctgg agctgctgga ggaagttttg gccctggggc tacgcaccga tgtggggatc     960

```

actcaccagc	actggcagca	gtttgagccc	cagctgaccc	tgtgggatgt	gtttggagcg	1020
aacaaggagg	tgcaggagct	gctggagcgg	ggcctactgc	agctggatca	caggggtctt	1080
cgggtgtcct	gggaggggtct	ggctgtgctg	gactctctct	tgctgaccct	cctgcctcag	1140
ctccaagaag	cctggcagca	gagaaccccc	tcccctgtgc	caggaggatg	acaaaaatgt	1200
tcttgtgttc	cagggtaatg	ccagggtgggt	tttgagagct	gggtcgggtac	tgacagacatc	1260
tcttctccgt	tgtcgggtgc	cgtctctgct	ccttgtgggt	attgctcagc	cctggcatcc	1320
ccaggggaat	ggcagcagtg	aggtagatgg	gaggacattt	ctggtcaggg	aactggcatc	1380
ccattcagca	tctcaggact	cacaggccaa	catgtgttcc	atggctggga	attgcctacc	1440
accacatca	gcttctgttt	accttttttg	catcaaataa	tgaacagtgt	ttggaaatct	1500
ttctacaggc	aattacctcc	ccaagagaag	ccttccttat	tttgagtaa	ggtcctaaga	1560
tagctggatg	aatcaggaaa	accatgtccc	ctctaggtat	tattaatata	agcaggaagg	1620
gatctactat	aggaatgaag	tatttataaa	ccactgaaag	ggatagagaa	gtgaacattg	1680
gagaaagcca	gtagcaactg	tgagaaatca	gcaacttgca	ggaggcacag	aaaactcctg	1740
ctgatggtct	cagcttccag	cagcacaaaa	gcagatgatg	tactggaaaa	tgctcagaag	1800
atgctacaaa	acctcatgcc	tactgtctgc	cactgctgga	gaaggaatca	tggtttctag	1860
aagtgcctct	cattagtggg	ctttaagca	aatcctggct	ggcaggaaat	tctgaggaat	1920
atagctctta	ggcttccagc	ctctaccatg	caggagagaa	cacagaagga	ctgatgtatg	1980
ttggtggatc	catgtatgtg	tccagcacag	cggcctgctg	gactctgaga	actgggaaag	2040
atcagagcaa	gccttgccctc	ttatcttcgg	gaaaccagaa	tatgtttggg	gtggtaggag	2100
ccacacagac	tcttctgagc	cccctcactc	acttccttcc	ccctgtgcct	ttcctttgag	2160
agtgaagggtg	ggtggagttg	accagagaaa	ggggagagaa	ttcgggaaag	acccaaagtg	2220
tttgaatttc	ttctttgtcc	ttttacctac	agaaatggtc	acatggttct	atttaaatag	2280
cctaataaac	acatctggag	cctgaaaaaa	aaaa			2314

<210> 4007

<211> 2098

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2099)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1)...(1514)

<223> similar to gi5689535 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4007

aatggaggtg	ggagtttaaa	taactattcc	tctccattc	catcgactcc	agcaccacgc	60
aggagggacc	ctcagttcag	tgttcctccc	actgccaa	caccacgccc	cgtttgcaag	120
cggtcctatg	gctgggtccaa	cctgtttaca	tctgagaaag	ggagtgaccc	agacaaagag	180
aggaaagccc	cggagaatca	tgctgatacc	atcgggagcg	gtagagccat	ccccattaaa	240
cagggcatgc	tcttaaagcg	aagtgggaaa	tggctgaaga	catggaaaaa	gaaatacgtc	300
acctgtgtt	ccaatggcat	gtcacctat	tattcaagct	taggtgatta	tatgaagaat	360
attcataaaa	aagagattga	ccttcagaca	tctaccatca	aagtcccagg	aaagtggcca	420
tccctagcca	catcggcctg	cacacccatc	tccagctcta	aaagcaatgg	cctatccaag	480
gacatggaca	ccgggctggg	tgactccata	tgcttcagcc	ccagtatctc	cagcaccacc	540

agccccaagc	tcaaccgcc	cccctctcct	catgccaata	aaaagaaaca	cctaaagaag	600
aaaagcacca	acaactttat	gattgtgtct	gccactggcc	aaacgtggca	ctttgaagcc	660
acgacgtatg	aggagcgggg	tgcttgggtc	caagccatcc	agagccagat	cctggccagc	720
ctgcagtcac	gcgagagcag	taaaagcaag	tcccagctga	ccagccagag	cgaggccatg	780
gccttgcagt	cgatccaaaa	catgcgtggg	aacgcccact	gtgtggactg	tgagacccag	840
aatcctaagt	gggcccagttt	gaacttggga	gtcctcatgt	gtattgaatg	ctcaggatc	900
caccgcagtc	ttggccccc	cctttcccg	gtgcgatctc	tgagctgga	tgactggcca	960
gttgagctca	ggaaggttat	gtcatctatt	gtcaatgacc	tagccaacag	catctgggaa	1020
gggagcagcc	aggggcagac	aaaaccctca	gaaaagtcca	cgagggaaga	gaaggaaacg	1080
tggtaccgtt	ccaaatatga	ggagaagctc	tttctggccc	cactaccctg	cactgagctg	1140
tccctgggcc	agcagctgct	gcgggccacc	gctgatgagg	acctgcagac	agccatcctg	1200
ctgctggcac	atggctcctg	tgaggaggtg	aacgagacct	gtggggaggg	agacggctgc	1260
acggcgctcc	atctggcctg	ccgcaagggg	aatgtggtcc	tggcgcagct	cctgatctgg	1320
tacggggtgg	acgtcatggc	ccgagatgcc	cacgggaaca	cagcgctgac	ctacgcccgg	1380
caggcctcca	gccaggagt	catcaacgtg	cttctgcagt	acggctgccc	cgacgagtgt	1440
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aaggataact	cagaatttca	aaaggaaatc	acaaattcag	ctaataatag	cattttcagt	1560
acttttcgta	aactaagtaa	atacacaaaa	tgttgatttt	tctgaccata	agacgtattt	1620
tatgtccttt	tgccaagggtg	gatttggttag	tctcaggccc	tcctggccac	attgcccaag	1680
tcacacaggc	ttctgtatta	tgtatttaga	taaaatgtgt	gaaaatatat	ttgaaataaa	1740
gttcataaat	atgcattgat	ttttgtacaa	aaaaaaaaaa	aagggggggc	cttttttagag	1800
atcccttggg	gggcccattt	tttcgggggg	ttggcaagtt	tttatttttt	tctttttggg	1860
gggcgttttt	aaaccctctt	tgggtttttt	gggaaagaac	cttttttttg	ggggggggac	1920
ttattggccc	accctccctc	caaattttta	ggcttttggg	gaaaataaaa	atttttaagg	1980
ggtaaagggg	gaaaaccacc	cccctttccc	tggctgttaa	aaatgnngnn	nnnnnnnnnn	2040
anaaccccc	ctctcggggg	gggcaatggg	gccccccct	ctttaaggag	atagagct	2098

<210> 4008

<211> 1956

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1957)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (516)...(741)

<223> similar to gi4589630 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4008

tttcgtgttt	gatgctggga	tcctcttggt	gggggcgtct	gtcaacgtca	ccatttggga	60
agtgcgcaga	gctcagagca	gcgcttccat	gcttccttct	gcttgggggc	ccctccaggg	120
agcttctttc	ttcttgctat	ctttttcttt	ctgttttctc	tcctcttccc	cgcaccttgg	180
gaggcaggag	accacttgg	tggtgctggt	aagtggaagc	cttggtgggt	gggcaggggc	240
tgggctgggg	agggtggctg	aaccggctgc	tgccacacct	cgtgggggct	gccgcgcagg	300
atgcctctgc	acacgggtcc	tgcagccttg	caagaggtgg	gcaggactgg	aaggagctgt	360

tcccacagga	ggatgatgag	ggcgccccgt	gcccagcaga	ggatgagctg	gccctgcagg	420
acaacgggtt	cctgagcaag	aatgaggtgc	tgcgagcaaa	ggtgtctcgg	ctcacggagc	480
ggctccgcaa	gcgctacccc	accaacaact	tcgggaactg	cacgggctgc	tcggccacct	540
tctcagtgc	gaagaagagg	cggagctgca	gtaattgtgg	aaacagcttc	tgctctcgat	600
gctgctcctt	caaggtgccc	aagtcctcca	tggggggccac	agcccctgaa	gccagagggg	660
agactgtgtt	tgtgtgtgcc	tcgtgtaacc	agaccttgag	caagtgagaa	gagaggccag	720
ggtccaacca	ggcacccgtc	cttgggacca	gcagtagacc	ccccactctc	cccacccctg	780
gcccactgtg	gtgtgtgctg	ggcaaagtgt	ggcctgaatg	ctaggtaggc	ttcccttcc	840
ttcctcactc	tctccagctg	gattctggag	ctgttctcca	tccatgagag	tggttgcaa	900
tggtgctct	caatcccttg	agggagaaga	gcccctggag	ggcctggcat	gtttgtcctg	960
ctctgcctgg	gactgagcga	gtggacttag	ggctgggcag	gcagtagcca	ccagagggca	1020
gcagcgaact	aggccaggcc	tgactggggt	ctgaagatca	gggtcagtgt	ggctatgcct	1080
gggaattcca	gacctgaggt	tgggaaaaga	ggtttttctc	ctgcagggtg	ctgggccagg	1140
ccctcagcct	cagagagcct	gcagaagggc	ttgggagtg	cacaccccat	ctctgctgat	1200
tgaatgtccc	tccaggcaac	aggatctcat	catttcccca	tcagaggggtg	tggccaggcc	1260
taacaagacc	atgggtgctt	ctagaaacag	ggttgaagtt	cccagattcc	ctgagaggag	1320
aatgtgtata	ggagggtttg	gctgagtcct	tcagcgtaaa	gtggaggaaa	gcttggggaa	1380
gccccaatag	ctggacagac	ctcagcctcc	cctcgaagac	acctcaattc	acagactctc	1440
agcccacaca	atgccccagt	gtccccagct	ccgctggagc	agctgcaggg	cacttggtac	1500
acaacttctg	cacctctgt	ccagagtcta	gggcagtcct	ccactggccc	agcactccag	1560
tttcctttcc	ctgectcttg	tccaatggag	tgggaggcca	ggtgagtgga	gcagaggtcc	1620
tgaagccctt	gacccttggg	ggcctgggta	gtgtaggatc	tcgtgggct	gggtcctgga	1680
ttccagggtc	attccctgga	ggacagtctc	agttatggga	taaggcccc	tgggggtctc	1740
catttctttc	caacagtctc	atgttcacta	ctggactctt	acgggctcag	tatctctccc	1800
ttagccatga	gctggctcag	ggaatccctt	tcccttccct	ggaagcttgc	ctggctttct	1860
caagtattta	tttaattaat	tgcatggttc	ctggggaana	tggtggcana	agtnatggga	1920
tgangaggaa	atttgggggtt	gggggtcttc	taacta			1956

<210> 4009

<211> 1524

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(441)

<223> similar to gi2143260 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4009

gaaatggtac	tcttttcatc	atggtgatgc	atatcaaaga	tcttgtgagt	gattacaaag	60
aatgatgggt	gtagaggaaa	cccttacctt	ggtaggaagc	attactatta	agggactgct	120
ttttttttta	ggttactgaa	aatggagctg	acccaaatcc	atatgtcaaa	acatacctac	180
ttccagataa	ccacaaaaca	tccaaacgta	aaaccaaagt	ttcacgaaaa	acgagggaatc	240
cgacattcaa	tgaaatgctt	gtatacagtg	gatatagcaa	agaaacccta	agacagcgag	300
aacttcaact	aagtgtactc	agtgacgaat	ctctgcggga	gaattttttc	ttgggtggag	360
taaccctgcc	tttgaaagat	ttcaacttga	gcaaagagac	ggttaaatgg	tatcagctga	420
ctgcggcaac	atacttgtaa	actagtgaat	gtctgagctt	tggaagcatg	aacagttata	480
aacgtgcatg	catacatgca	cacacacaca	gacacacaca	cacacacttg	tttaattttgt	540
atagtatttt	tatacttgga	cagaacttat	aaagttaaat	atacttgctg	catttcaaca	600

catctgttgg	accaacagtc	acataactaa	cctttttgaa	tttttggag	ccattgctgt	660
tttaaagtca	ttatgtagaa	tgctacaaac	cctaaactta	atatatacta	attcctgaaa	720
aagactttga	gacagtacta	tgtcagttca	gccacctatt	ttgcattggt	ttctataagg	780
aggcaaagca	tatgtgtttt	cctgttatgc	accttttata	gcctttacca	ctgtgtaatg	840
ttcacaaaca	ccaaagtaaa	ggaaaaatgc	aggatgttac	cgtaaaatcc	agctgctatt	900
catggagctg	aaaaacaaaag	cacaaataat	agatagctaa	gttaagaact	actaagtagt	960
ttatagaagt	agggaaaaac	gtaatactgc	tttttattca	tgtctttaaa	gcctttttca	1020
gaataagtgc	caatcactga	tggtgtaaat	aatgggtgct	taactttata	tgcttcctg	1080
gcacttcggt	tctgattttt	ttcctgattt	gataaataat	tagtacatag	ttttcactca	1140
cttgacgctt	actaaagaca	agaaattatg	tacatgtact	aatgtttttc	ccacaaaaaa	1200
atcctttact	tctgatgtat	gaattagtta	tctaaatagt	taagcctaata	acctgaataa	1260
gactcaccaa	tgtgattgta	caataaatcc	tatcattcca	ttaaaatcct	acattttatc	1320
ccaggaatgg	taatttcacc	tcctacatc	tatactccac	tcctcagta	aataagtga	1380
aattgttaac	ccatgtgccc	attcctgagt	agggcagact	cttcacaaga	ggcccatgac	1440
agaatttcta	gggtccagat	tgaactttaa	tatagacctt	tgtctgtgta	gaccagtttg	1500
tcttgtaaac	tgtcttactt	atgt				1524

<210> 4010

<211> 1399

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1348)...(584)

<223> similar to gi2072425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4010

acgtggaatt	ccccacacag	actgggtgta	gaagtgtagg	taaaaagtgg	actatggata	60
gcttatgaag	gatccaattt	cttggaaga	caaactctac	tcaggcctaa	tgagatccca	120
aactggacag	cattcagcag	atggaaaaca	attggttccc	tccgtcctat	gaagcagcct	180
gcagtgtaca	tcagaataaa	gaaccgtgcc	caggggtgaat	atctgacagt	caactggaagt	240
ctagcagaca	ccagggcaac	atctgtgtgc	atttctccct	atagtggaaa	gaatactcag	300
atctgggtact	actgccgagg	actctttaaa	tccaaggcca	gtgatacatg	tcttgatgtg	360
attgggtggcc	gggacacacc	tggagctaaa	gtagctctat	ggactgaaca	tgggcaattc	420
aggcagaagt	ggagactgaa	taaaaatgga	actatcagct	cttatctcag	tgatcaactt	480
gtccttgatg	ttaaaggagg	aaattattgt	gacaagactc	atgtaattgt	aaatcagccc	540
ctggagggag	aagaaacaca	gaaatgggac	attgaaatat	tgtgagagaa	tcaacatccc	600
tagaaagatc	cctagaaaga	gcaaagaagg	aaacacatct	gtcattgtct	tgtggacgtg	660
gaaaggaagc	tactgtcctc	acactcctgg	atcactgagc	agaatgaaca	ttttctccag	720
cctctgagac	tatcgctctt	aaccatggaa	aagctcaaaa	tattcttgcc	attactcagt	780
gttcctataa	agaaaatatt	atgatatctt	ggaaagggtc	tattcctgat	ctccagctgt	840
gggtgagcaag	tttcctgaag	tgtttatttt	ctctcatatc	caccaaactg	gaatcctggt	900
cctgatggcc	cgttattgga	caactggtga	ggctattatc	ctgtattatt	tattaatatc	960
ctacctagat	gcttgatgta	gtacaaagca	taaagaaaca	gatttctata	ggatcaagtca	1020
tacttttgca	aacagatgat	gagtaatttt	ttagcaaacac	ctgaaaatat	actaaacttt	1080
cctagataaa	ctttaagggt	tctatactga	ggcttttata	atgaacgcac	ctcgttaagt	1140
atttatactt	gtaactaacc	ccaggcaggg	acctcagctt	tgtaggaat	aaggcacaag	1200
aagtattttc	tgtagctatt	gtttcctcag	tccttcaaac	taaaaaagta	caaataaata	1260

acctatggcc	aaacttgcc	tgttacgtgt	taaccaagac	atcccttttag	gtgacaagac	1320
tctataaacag	tggttacctg	tctccatggt	gacacttcac	cctagattta	aggagaggca	1380
tcaatttttt	ttttttttg					1399

<210> 4011

<211> 1248

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1205)...(974)

<223> similar to gi1872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4011

ggtgagtagc	tgtgcgaatt	cggttctcta	gggaactcct	tcttcgcctg	ctggccttac	60
ctgggctccc	cgcttctctg	gaggggaggg	ggtgcgggaa	ctcccgtagg	cgtagagctgg	120
agcgcgcgcc	cgctgctctc	tccaggtccc	gccgcgccag	tccgcctccg	caaagcccgt	180
ccctctcttc	cgcaggcacc	atgttctcta	ctgcgctcct	ctggcgcggc	cgcattccccg	240
gccgtcagtg	gatcggggaag	caccggcggc	cgcgggttcgt	gtcgttgccg	gccaagcaga	300
acatgatccg	ccgcctggag	atcgaggcgg	agaaccatta	ctggctgagc	atgccctaca	360
tgacccggga	gcaggagcgc	ggccacgccg	cggcgccgag	gagggaggcc	ttcgaggcca	420
taaaggcggc	cgccacttcc	aagtcccccc	cgcataagatt	cattgcggac	cagctcgacc	480
atctcaatgt	caccaagaaa	tggtcctaatt	cctgagtcgt	cacccttgga	ttttatggat	540
cacggagctg	accatcttta	cctggctcctg	gaactgaaaa	actgtagctt	gtgtgaaaat	600
gagccttttg	accagtcttt	attaaaacaa	acaaacatga	gtagtctgca	tatcgaatat	660
ctagagctct	aaacccccca	atacttaaaa	ggtctaattg	cctgtcctgt	ggtttcatta	720
gtctgatacg	aagatagggg	tttcctcagt	cacagatgat	atgttgagg	aaagctggca	780
ataaagccac	aagtatttga	ggtctttgct	taagtatgag	atacttgatg	ggggctttat	840
catgcaacat	tagtttgctt	accttaagaa	ttgcccaaaa	atgaaagaaa	atatgagctt	900
ttcagttaaa	catactccta	aaaacatttt	ccgggatttt	actactaaaa	ttggacattt	960
aagcgaagta	aaagaggccg	ggtgcggtgg	ctcacgcctg	taatcccaac	actttaggag	1020
tccaaggcgg	gcggatcact	tgaggtcagg	agttcaagac	cagcttggcc	aaggtgataa	1080
aaccgcgtct	tactaataca	aaaaaaatta	gctgggtatg	ttgggtgcag	cttgcaatcc	1140
cagctacttg	ggacgctgag	gtgggaggat	cgctgaacc	tcagaggcag	aggttgcaat	1200
gaagcggagg	ttgcagtgag	ccgagagcat	gccgctgcac	taccagcc		1248

<210> 4012

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(418)

<223> similar to gi2204215 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4012

aaaagattac	ggcctgagga	tagcttcatg	agtgtttatc	caatgcagac	tgaacatcat	60
caaacacctc	ttgattataa	cacgcaggta	acatggatgt	tagctcaaag	acaacaagag	120
gaagcaaggc	aacagcagga	gagagcagca	atgagctatg	ttaaactgcg	aactaatctt	180
cagcatgcca	ttcggcgtgg	cacaagccta	atggaagatg	atgaagagcc	aattgtggaa	240
gatgttatga	tgtcctcaga	agggaggatt	gaggatctta	atgaggggat	ggattttgac	300
accatggata	tagatttgcc	accatcaaag	aacagacgag	agagaacaga	actgaagcct	360
gatttctttg	atccagcttc	aattatggat	gaatcagtag	gtttaattta	aatgtaccct	420
aggattgcaa	aatcagaagt	ataggcagtc	tctcagtttg	aggttgaaga	cctggggcag	480
catactgaga	atagatgaaa	acagctggat	gtgagaaaaa	gaggcaggca	ggcaggattt	540
cagtgggagg	ggaagagagt	gctgcaatag	tgttgacaga	ttagaaaagt	acttttgaat	600
cctggctgac	tgggacttga	atattaagga	atttggactg	ttcttccagg	tttgtactgt	660
tcttcaatgg	gttgcccatt	gaaagatttt	aaataaggta	atggcatgat	cagaattgtg	720
tttcagaaag	atttccttga	catttatgga	tgggacagaa	tgaatgaggg	gcgtcatata	780
aaggcatggt	gaaaaataat	gagaacttga	ccaaaggtcg	acgcggccgc	g	831

<210> 4013

<211> 458

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(145)

<223> similar to gil407780 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4013

tccttttgtt	ttcagaagtt	tctttggggg	caactacatt	atattcactg	aggaagagga	60
gcagctaagc	aggaagatga	tgaagtactg	ggccaacttt	gcgagaaatg	ggtgagacag	120
cacacccctg	cctcaacctc	cccgattggg	ggacttgtgc	ccatccagtg	ctctcctagt	180
ctggggtgac	ctcatgagca	cacccgcac	cttcatcaca	tgatggcccc	ttccccagct	240
ccgggaccca	ctcagacagg	gtgggggtgc	gtggggcagt	ggacacgctc	tatctctcca	300
gtctacctgg	agggtgggcg	ccagtgtgtg	gccaccgtca	gggcctccct	ctcagagaga	360
gggacacaac	agagctggct	ggcctcccc	aacccccact	ggtgcgtgca	ctaaccagag	420
ggagcttatt	tacttgttct	tggagcgctc	ccactcac			458

<210> 4014

<211> 479

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (478)...(197)

<223> similar to gi487853 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4014

ggaattcgcg	gcaggtggga	cgagccccac	agccccctcc	tcaaaaacga	ccacctccag	60
gactcagtga	tccctggggg	gcaggctctg	ccagccctcg	gccacacgtg	gctccggcac	120
ccatggtccc	agtgccttgg	atggagacgg	ccagttcttg	cggccagatg	tggtgctctg	180
gaatccagtc	ccatttcctt	cctggccacg	cctgtccagc	ggcctcttca	gccgcattca	240
gcccctactt	acctggggac	cccggctggg	gcacgagagt	accagggggg	tagggcccaa	300
agggatcagg	ggaagcctct	ggcctggagg	gtatggggca	cgcttcccca	agggcggacc	360
cggcaggagg	aagcccagga	gctgggtcct	gccgcccagg	agctggggcc	tgccacccag	420
gccgggctag	ggacatggca	gggcctgggc	atactgacgc	tggacttgag	cgacctggg	479

<210> 4015

<211> 1029

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1028)...(800)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4015

catttttctg	cctattcact	gtttttat	tttagtgga	agataagttt	ttactctttt	60
taatcagtag	ggtttggatt	ttggagatgg	ctgtcatatt	caggtcagag	gcagttgact	120
tggtgctgat	gcttgtttca	gcttgtttct	ttccattttc	ctccagagta	aagaaaagat	180
tgaaaaacta	aaactccaag	ctgaatcctt	ctgccagcgt	ttggggaaat	accggatgcc	240
ctttgcctgg	gcaccataa	gcttatcaag	cttcttcaat	gtctccaccc	ttgagaggga	300
ggtaactgat	gtggactctg	tggttgggag	aagctcagtg	ggtgaacgga	ggacattggc	360
ccaatctaga	aggctttctg	aaagagccct	ctccttggag	gaaaatgggg	ttggatccaa	420
cttcaaaacc	tccactctga	gcgttagcag	ctttttcaag	caggaaggag	atcgccttag	480
cgatgaagac	ttattcaagt	ttttagctga	ctacaaaaga	tcatcatcct	tacagagacg	540
agtcaagtca	attccaggct	tgctaagact	ggagatttct	acagctccag	agatcatcaa	600
ttgctgtctg	actcctgaaa	tgctgcccgt	gaaacccttt	cctgaaaacc	ggacacgccc	660
gcacaaagag	atthttggaat	ttccaacacg	agaagtatat	gtccctcaca	ctgtgtacag	720
gtaagaaaca	caggctcggg	ctgggcgtgg	tggcttacac	cataatccca	taactttggg	780
aggccgaggc	aggaggattg	cttgagctca	ggagtttgag	accagccttg	gcaacatggc	840
aaaaccgtgt	ctctacaaca	tatacaaaat	ttagctgggc	atggtggtgc	atgcttgtaa	900
tcccagcaac	ttggcaggct	gaggcaggag	aatcgcttga	acccaggagg	cagaggttgc	960
agtgaGCCaa	gattgcacta	ctgcactcca	gcctggggaga	cagaaccaga	ctctgtctca	1020

<210> 4016
 <211> 1907
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(1322)
 <223> similar to gi6002189 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4016

attctgccac	acctagcttg	ctttcataag	cagatctgat	tccagatgtg	atgccccac	60
aagccttggt	tcatgatgac	gatgagatgg	aaggcgatgg	agtcatagac	ccagggatgg	120
agtacgtccc	acccctgct	gggtcagtag	cttctggggc	agtggttggg	ggcagaaaga	180
aggtcagagg	ccctgaacag	ataaagcagg	aggtagagag	tgaggaggaa	aaacccgaca	240
ggatggatat	tgacagtga	gacacagatt	caaacacatc	tttgcaaaca	agggctagag	300
aaaagaggaa	gcctcagctg	gagaaggaca	caaagccgaa	agagcccagg	tatactcccg	360
tgagcatcta	cgaggaaaag	ctgctgctca	agaggctgga	agcttgctcc	ggtgctgttg	420
ccatgactcc	ggaagctcgg	agactgaaac	gcaaactgat	tgtcagacaa	gcgaaaaggg	480
ataggggatt	accacttttt	gacttggatc	aagttgttaa	tgctgctctt	ttgttagttg	540
acgggattta	tggagccaaa	gaaggaggaa	ttccagact	tccagctgga	caagccacgt	600
acagaaccac	ctgtcaggac	ttcagaatcc	ttgaccgata	ccagacttcc	ttgccgtcca	660
ggaagggatt	tgcacaccag	accaccaagt	ttttgtatcg	cttggttagga	tcagaagata	720
tggctgtgga	ccagagtatt	gtcagccctt	atacctctcg	gatcttgaaa	ccttatatca	780
ggcgtgatta	tgaacaaaag	ccacccaaac	tgcagctcct	gtcacagatt	cgttcccacc	840
tgcacaggag	cgaccctcac	tggacgcgg	agcccgacgc	acctctcgat	tactgttatg	900
tgcggccaaa	tcacatccca	acgatcaact	ccatgtgtca	ggagtttttt	tggcctggca	960
ttgacctgtc	tgagtgtctg	cagtaccag	acttcagtgt	tggtgttctt	tataaaaaag	1020
tcatcattgc	ctttggcttc	atggttctctg	atgtgaaata	caatgaagct	tacatttcat	1080
ttctgttcgt	ccaccctgaa	tggagaagag	cagggattgc	aactttcatg	atctatcatc	1140
tgattcagac	ctgcatgggc	aaggacgtaa	cccttcacgt	ctcagcaagc	aaccccgcta	1200
tgctactgta	ccagaagttt	ggattcaaga	ctgaagaata	tgtattagat	ttctatgata	1260
aatattaccc	attggagagt	acagagtgtg	aacacgcatt	ctttctgagg	ctccggcgct	1320
gatgcgaata	cagctcacag	agaaacgcac	gtgctatttg	agaacaggtc	tttgtggaga	1380
tctaaaggca	gtgattgatt	tcacagggag	ctctaattctc	tgtgattaca	tggctccttca	1440
aactcccaac	caaagtgaga	aaagcggcat	gcagtgaaat	gagcagttag	cagcccttta	1500
gcaaaatcgc	cctccagctc	ttcctggaga	tgcttccagc	cagcatccca	gactccacag	1560
ttatttatga	acgatgtcgt	gattctccct	ccacctgaca	gtttgtaaga	gtgaaagagc	1620
atctaacctg	atgctcttgg	agagagataa	cctgtctgtc	ataacttaaa	ggatgagaaa	1680
atgtggtgta	gctattaaag	attcatgcag	tcccaaaagg	cactgtcctg	ggatgatgag	1740
agattataag	gtgatttcat	aaaaggaatc	caaccctgtg	cccggccatt	gatgtgttgt	1800
cattgaatcc	aggaggattt	ctagggcact	gaagttttgt	tgtttctttt	gctgactttg	1860
gttacagtca	gaaaaaataa	actagatggt	tgtgtctaaa	aaaaaaa		1907

<210> 4017
 <211> 721
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (15)...(709)
 <223> similar to gil237256 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4017
 ggaggcagga ggttacagat gttaacaaag tctctgaggt cattcaagga aaagaagaga 60
 gtccagcaca attttacaag ggactatgtg aggcctatcg tatgtatact ccctttgatc 120
 ccaatagccc tgaaaatcag cgcattgatta acatggcttt agttagtcaa agcaccaaaag 180
 atattagaag aaagcttcag aaacaggctg ggtttgtgag tatgaatact tcacagttat 240
 taaaaatagc cagtcagatg tttgtgagta gagatgtggc aggccgtaaa gagagccgca 300
 aagaaagcaa gtgccaagcc cggcaaaaaca cctatctgct agctgcagct attagaggag 360
 ttccccgaa gggggcagag aaggggggac cctgggaaaa acactcagtc tgaccaaccc 420
 atgctgcag cataaccag tgtgcatact gtaaagaaac agcgcattgg aaagacaagt 480
 gccctagtt aaaagagaaa caaatggct ctgagccaga ggtttcaggc aaggatgaag 540
 gggccttggt taatctagca gaagggttac tggactgagg gggaccgggc tcagggtgcc 600
 ccaatgagcc catggtcaag atgacagtca ggagcaagga cattgagttt cctgtcaata 660
 cttatctga acattcagta gtaaccaccc cagtcacccc ctctctacct ccaagaataa 720
 a 721

<210> 4018
 <211> 1110
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (932)...(176)
 <223> similar to gi4980521 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4018
 tttttttttt ttctgtctg taaccatcag atttaatttt aaaattttatt aggcagtagg 60
 caaacagatg ttggggtaga tgacctaaaa gggttttctt ttggaataat attttttaaa 120
 aaatcaaata actgttatca ctttaagttg catgagcctg aagctgcacc tggagaggaa 180
 ttttaatttc atgacatgca aaactgatta ggcagtgaac tctttcctcc cgcttcccct 240
 gaacacattt ataaacttca acgggggtga attccatcta atactttgaa aaccatttct 300
 catctcacag tttacccaaa tcatgtgcat gactgcaaga ggaaataaac aagaaatctt 360
 taagcataga taagccacaa tggatagtta atcttgtaca gacaatccag cattaaggct 420
 aatttgatct tttaaacatt ttatgggaaa cagctgttga gttttctcta gaaaagccca 480

caaggttcca	taacccata	ggcatacagc	ctcgacaggc	agggctccat	caggctcctc	540
ttgaactggg	cactccttca	cggaaggcag	gaatgcacgt	gtcttcactt	cctgctgctc	600
tgcacgcacg	tcacgatata	tggcagaagg	tggtttctgt	tttccttggt	gacattaaac	660
accttcacat	cctttctgtt	tctgatttct	tctacaagag	ccagtggcct	tccttttagga	720
actgggattg	tgccaaggat	tatagtcctt	ggggtagaca	gcgtctgacg	aacagcttga	780
atgaaaagct	gactgaagag	ctccatcttc	ccaatctcat	cgatgacgca	cactctttgc	840
cctggggccac	tgctgcagtc	ggcattcctc	aagacgggta	gtgccaaactg	ctcaaaaagaa	900
gtcaggtcga	ccacatactg	cccaactcgg	cattcacgtt	ttccaggtgg	aggctctaac	960
ctggggggccc	cgttaggaac	acgtgccggg	ccatactggt	gggcgggggt	aggggttgcg	1020
gtcaggggag	cagtccaggt	tggggtcgca	attcaggtca	ggtccggacc	agggtcgcga	1080
ctcaggaccc	gccaccgcc	cacgtgccga				1110

<210> 4019

<211> 1657

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1616)...(1258)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4019

gcggaattcc	ccctgcctgt	cccaaggagc	taattctgag	cctgctccct	ttctaagccc	60
agagtccaga	atgtactctg	cctcagcctc	tcacatcctc	cacaagcatg	gacatctggg	120
gcatgagaag	gcagttatgt	gaggctgtaa	gaaaggatgc	tgtgtctata	aatgaatccc	180
ggtcctctca	cacagcctgc	cccccgccct	caggaccccc	ctgctaacct	ccatggcacc	240
tcaaagacag	gccctgggca	ggggtcctga	gctgggtttc	aacccctccc	cctaccatct	300
gcttggcaag	atgatcagaa	ctctctgctc	tgcggctctg	ctccccagtc	ctgectggag	360
agtgggtggg	gctggggagg	agcaggccga	ggccagctgg	tggcgccag	tacctttgcc	420
actctgactt	cagctgctgg	atgcgagcct	cggactcctg	tgtaggaaga	agggacaaat	480
acaagaaata	ctcatctcag	aaattggtgt	tccagagtag	gatctgctgt	ctgttagcgt	540
ctttgcttaa	ccacaccctc	gcccgaagtc	tcttgacccc	tgcagcaaaa	atcaaactgg	600
cctccttgtc	aaagccctca	tgagtctcgt	ccatgtctga	cacactgagg	tatctgttca	660
cccacactca	gcacatgcac	accagcatga	caggccgctg	tgccctggca	caccccaggg	720
agcccttgca	cagctctcca	actaaggggt	cgggggtcaa	acagagaagt	cagaggaggg	780
cactccctc	cccatgcaac	acccaaacag	tccctttgga	agggccgagg	ggtccgaggt	840
gaacatgttg	gatggggtca	ggacccagtc	acaggccctg	agtgccgcaa	gcccgtgac	900
ctgggaggcc	cggacgatct	tcttgaagag	gtcttctgag	tcttgtgat	gctctgctct	960
cagggcagac	agttcttctt	gtgagacggg	agtgaagagga	caggttggac	agagccatgc	1020
ttatagggac	cctcatgact	aggaagtggc	ggaactggaa	ttcaaacaag	gtctgtttgc	1080
ttccagagcc	ctggctctca	gccttctctg	aaccacgcaa	gactcccgt	tcagctccac	1140
tgcacacctc	tgcggtgtca	ggtaccatgc	tggggctttc	tactcgaca	gctcactatg	1200
gggggtggggg	agacacgatg	gcctccatca	aagaggagga	aactgaggct	tagagaaggt	1260
gaggaggcct	ggcgtggtgg	ctcacgcctg	taatcccagg	actttgggag	gccaaggcag	1320
gcagatcact	agaggtcagg	agttcgagac	cagcctggcc	aacttggtaa	aaccctgtct	1380
ctactaaaaa	tacaaaatta	gctggatgtg	gtggtgcacg	cctgtaatcc	agctactcgg	1440
gaggctgagt	gaggcaagag	aatcgcttga	acctgggagg	cacaggttgt	agtgaagtcga	1500
gatcacgcca	ctgcactcca	ggctgggtga	cagagtgaga	tattgtctca	aaaagaaaaa	1560

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aaaaaaggaa aaaaggagaa ggggagtacc tgcaaaaggg caaagctgtc tgatcccaaa 1620
tgacacttgt tctctctgct gctgggcacc ttcacgc 1657

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<210> 4020
<211> 1714
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (203)...(273)
<223> similar to gi3115996 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 4020
tttttttttt ttgacaagtt tgcaagtttt attgaattaa tggctggctt tcacagatgt 60
taatcactgg cgggcggttg aataggggga acaggaaaat gctctccaga gggtccact 120
gaagcccttt catctgccct gcccacccc accactgaag ccagaggtca tgggagttgg 180
gatctaacta cactctgtga acttaccacc acccattcca tcccacagcc catattttat 240
ttgggactag gccactgatg cccggggcct tctcttcca gtaggggtggg aggggtgggag 300
gtggggacac ggaccaaccc tcaaggaaag aaaagaggtt aaggtggggg gttttgctga 360
atgtctaaga aatgtcagtg gaacagggct ggggcacggg ggctcacgcc tgtaatccca 420
gcactttggg aggccaaggc aggtggatca cctgaggtca ggagttcgag accagcctgg 480
ctaacatggg gaaaccccat ctctactaaa aatacaaaaa ttagccaggc gtggtggcag 540
gtacctgtaa tcccagctac ttgggaggct gagacacagt ctgctctgt ggcccaggct 600
ggatggagtg cagtggtgca atctcggctc actgcaacct ccgcctcccg gggttaagca 660
aaattatcct gcctcagcct cctgagtagc tggattacag gcaggcacca ccacgtccgg 720
ctaatttttg tatttttagt agagatgggg ttttgccatg ttagccaggc tggctctgaa 780
ctcctgacct caggtgatcc gcctgccttg gcctccaaa gtgctgggat tacaggcgag 840
agccaccacg cccagcctct gcttcgtgag ttttctttcc cctgaggcac cctctgagtt 900
ctccacgtgt cagacccatg tccaatgcac cacgctcctt ccttcacacc atgaaagccc 960
cgaagtaaga ccgggtacca tcacgcagtc gaaccaggcg ttcacccagc acacggacga 1020
ccacctctc cccagcctcc aggtgtacca caccaccag gaagctgtg tcccaccaga 1080
cccgggagct gctgggtggc cgctccgagg gtgactgtg gctgaccaac agctccagct 1140
cctcggggta gcgggggtgt cgcttgtaga ggccgtgggt gatggtgctg gccaggccca 1200
gcgggcagcc cacaccgccc agctgcacct tggagtagat gtagtagtag ccagctttgg 1260
tgaccacaag ggccccatcg tggtagctga ggcccctcag gaaggccagg cccagctgag 1320
tctcccataa cagcgccccc ccgctgccgg tcaagctgga gttggccctt gtgagatgag 1380
ctgctgggtt gacctcgtga gaccttcgct cttgtatcag ctgctcccag gagcctgcag 1440
gtccgctcagg caggcggttg accatctctc ctagacgcca gtgcagctgc aggaggaacc 1500
agccttggac ggccagccca gccccatca gcaacagcaa gagacccaga cccaccggg 1560
ccacactgca cgactgtctc cgggtggctt gtcccagcct cgtgaatggg atgtcggctc 1620
gtccatccac cacaacact gagggccgta cgacactctc ctccatgccc aaggtctctg 1680
gagcagggtg gacacgcctg ggtccttcaa cctc 1714

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<210> 4021

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<211> 2053
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (25)...(1055)
 <223> similar to gi545998 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4021
 tttcgtcgtt tccggtggcg gcggaggctg cactgagcgg gacctgcgag cagcgcgggc 60
 ggcagcccgg gggaagcgtc cgggaccatg tctggagaac taccaccaaa cattaacatc 120
 aaggaacctc gatgggatca aagcactttc attggacgag ccaatcattt ctctactgta 180
 actgacccca ggaacattct gttaaccaac gaacaactcg agagtgcgag aaaaatagta 240
 catgattaca ggcaaggaat tgttctctct ggtcttacag aaaatgaatt gtggagagca 300
 aagtacatct atgattcagc ttttcacctt gacactgggtg agaagatgat tttgatagga 360
 agaatgtcag cccaggttcc catgaacatg accatcacag gttgtatgat gacgttttac 420
 aggactacgc cggctgtgct gttctggcag tggattaacc agtccttcaa tgccgtcgtc 480
 aattacacca acagaagtgg agacgcaccc ctcaactgtca atgagttggg aacagcttac 540
 gtttctgcaa caactggtgc cgtagcaaca gctctaggac tcaatgcatt gaccaagcat 600
 gtctcaccac tgataggacg ttttgttccc tttgctgccc tagctgctgc taattgcatt 660
 aatattccat taatgaggca aagggaactc aaagtgtgca tcccgtcac ggatgagaat 720
 gggaaccgct tgggggagtc gggaacgct gcgaacaag ccatcacgca agttgtcgtg 780
 tccaggatc tcatggcagc ccctggcatg gccatccctc cattcattat gaacactttg 840
 gaaaagaaag cctttttgaa gaggttccca tggatgagtg caccattca agttgggtta 900
 gttggcttct gtttgggtgt tgctacaccc ctgtgtgtgt ccctgtttcc tcagaaaagt 960
 tccatgtctg tgacaagctt ggaggccgag ttgcaagcta agatccaaga gagccatcct 1020
 gaattgcgac gcgtgtactt caataaggga ttgtaaagca gagaggaaac ctctgcagct 1080
 cattctgcc a ctgcaaagct ggtgtagcca tgctggtgag aaaaatcctg ttcaacctgg 1140
 gttctcccag ttacggaaac cttttaaaga tccacattag ctttttagaa taaagctgct 1200
 actttaacag agcacctggc gtgggccaag tgctgtatc tcccttacac tgaatcatgt 1260
 tatgatttat agaaatacct ttctgtagc ttttatagtc attgtttttc aaagacgata 1320
 taccagccct caccaggtt ttaaaaaaag cactggtagg catagaatag gtgctcagta 1380
 tatggtcagt aaatgttcta ttgattatca atcagtgaag aaagaaatct gtttaaaata 1440
 ctgaattttc atctcactcc cattgcaa atcaggagatc tcagcagtga actgggaaaa 1500
 taaaaaagct ctgggcta ctataaaac ttaccctgaa atattaaggg cagtttgctt 1560
 ctagtttggg gattgcgcta gcccaatgaa ggtgatgaag cttttggatt tggagggtta 1620
 aagctccttc acacccttc caaaagtcag tcacagacca ctgcaacatg ccttcctgc 1680
 tggatcatta tatacattca gattgtgagt ggattgcctt ggttgacttt taatttattg 1740
 ttttttgttc ttataaagat gataatctta ccttgacgtt attgacttta tattcaatta 1800
 ttacatcaa ataataaat aactgaaatg tacaaatgtc aaatttttga agtatattca 1860
 ataccaatgc tgtatgagtg ggctgaatcc agttcattgt tttttttttg gtaagaagtg 1920
 agactacagt tccagctacc tacatgtctt ttctgtcat ccttatagat ctctttggct 1980
 ttcagaaaga tacagtgata atccgtgtat gaatcagttt caatgaattt aaattagata 2040
 ttgaaaaaaa aaa 2053

<210> 4022
 <211> 397
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(163)

<223> similar to gi854637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4022

cccgagttgc	cctacaagca	gagaagatga	atcatcacc	ggaatggttc	aatgtataaa	60
acaagggtcca	gataactctc	acctcacgta	actgtggtgg	actgatcaaa	agagatgtga	120
agctggccac	gtttattgaa	aaagcagctt	cttctgtgtg	atttcttcca	aaatacatgt	180
aaaatcttac	acacatctta	gctgcaacgt	aggctgaagg	caatttacgt	gaacaaattg	240
agttgttctt	aaggcatcat	ctctagaggc	agaaaaaaaa	ataacaattt	aagttatgta	300
aatttagttt	gcctttatat	actatgtttt	gtaaaatcag	tgcttatata	caaatgatt	360
aaacttgaaa	aaaaaaaaagt	gagaccatgc	tagtggg			397

<210> 4023

<211> 2127

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(174)

<223> similar to gill177607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4023

cctgcctcag	ccttccaagt	aactgggatt	acaggcatgt	accaccatac	cagctgattt	60
ttttgtattt	ttagtaaaga	cagggtttca	ccatgttagc	caggctgac	ttgaactcct	120
aaactcaagt	gatctactca	cctcagcctc	ccaaaatgct	gggattacag	atgtgaggca	180
cctggcctca	gatttttgat	actcttaaac	cttctgatcc	ttagtttctc	tctccaaaat	240
actctttcta	ggttaaaaaa	aaaaaggctc	ttatatattg	tgctatgtaa	atgaaaatgt	300
tttttaggtt	ttcttgattt	aacaatagag	acagggtctc	cctgtgttgc	ccaggctggt	360
ctcgaactcc	tgggctcaag	agatecctcct	gtctgggccc	tcgcaaagt	ctaagtagga	420
ttacaggcgt	tagccaccac	accaggctg	taaaaatgta	cttattctcc	agcctctttt	480
gtataaacca	tagtaaggga	tgggagtaat	gatgttatct	gtgaaaatag	ccaccattta	540
cccgtaaagac	aaaacttggt	aaagcctcct	gagtctaacc	tagattacat	caggcccttt	600
ttcacacaca	aaaaaatcct	ttatgggatt	taatggaatc	tgttgtttcc	ccctaagttg	660
aaaaacaact	ctaagacact	ttaaagtacc	ttcttggcct	gggttacatg	gttcccagcc	720
taggtttcag	acttttgctt	aaggccagtt	ttagaaaccc	gtgaattcag	aaaagttaat	780
tcagaaattt	gataaacaga	attgttattt	aaaaactaac	tggaagatt	gttaagttct	840
ttctgaatta	ttcagaaatt	atgcatcatt	ttccttcaag	aatgacaggg	tcagcatgtg	900
gaattccaag	atacctcttg	acttcctctc	aagctccgtg	tttggtcagt	ggaggcccat	960
ccgagctcag	cactgagaag	tgtagtttc	tttgggaccc	atctaccctg	accacatcat	1020
gatgttcac	tgcagctggt	gcaagggtgt	cagattgtat	aaacataaat	gtcacaaaaa	1080

ctttaaaaga	agtgcaattc	tcaaaagggt	aggtggacta	aagcattctg	taaagcaact	1140
gctaataatg	agcttacagt	ggatttgaat	ttgaaaaata	tagtaacaag	cctgtcaaact	1200
atctgcaaga	actatggaat	aaaactactg	atgcagtga	gacagttgaa	aagatcaaac	1260
aaatgccaaag	ctatatattat	aatgaacaaa	ttcaagaaaa	aggactacgg	aaagttcagg	1320
acatcaaaga	agtcaggcaa	aactcatctt	gacccctggt	gcaggcaaag	gaacgcagct	1380
ggaagaaaag	atgatataac	agttaacagg	atgcagacat	ggcagagggt	tcctaaaaat	1440
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tatatataaa	gtaaaatttt	ctttgcagta	aaatatgcc	tttattatag	aaggaggat	1800
ataaggaacc	aacagtttgt	atgaaaatag	ctcaaataat	atcttttatt	ttgattttta	1860
tattttcttat	tttggtttat	tagtgtctta	gaacaaaatg	gccttatata	atgaagccta	1920
gttatgctgg	actgttttga	tctcttttaa	ttgttctgac	agatagttgg	ggatgagagc	1980
cgaataagg	ttgcctgaaa	taactgacac	tatataattt	ctgctttggc	aaataactaag	2040
ttctaacttg	tcattcctgg	tagaacaagc	tttatttttc	gagcctagca	atgatctaga	2100
agcagatggt	atctcagtcg	cttttgc				2127

<210> 4024

<211> 478

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature.

<222> (52)...(338)

<223> similar to gi204175 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4024

tttcgtcaga	gatagcagag	cgccgagttg	gggccacgaa	ggcgtgaggg	gagtcgtcgt	60
ccctcctgca	cgaaagcgtc	taagccttgg	cgacgccgcc	ctgggggacc	cacgtcaggc	120
ctgggatagg	gaccgctgtc	cccgggtccc	taccaatgtc	gcccgtcgtc	cccggcccag	180
ctctaccgcg	agagtctgat	ggcagcggcc	actctgagga	cgccaactca	ggtgagtgcg	240
gcgtcttccc	gtcctcacac	accttcccc	acccagcttc	taaagccatc	agtgaggggc	300
gcctgctcga	gtccccgctg	cccagggctg	gggacactga	ggcgttcgtg	ggtggggccc	360
tttttttgac	actgcgtgtg	acgaggtgtg	ggagagcgtg	acaggcggag	gaaccggcgc	420
gtgcaaagg	tgaggcgcga	ctgagccagg	agaattcgga	aagctgtttt	ctgcaggc	478

<210> 4025

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (852)...(397)
 <223> similar to gi3483017 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4025

cccttgtaat	ccctgaattt	ctccgcttgc	atcagagata	ctcccttacc	tgatgctgag	60
gtatagcaga	aaaacccaat	gataatagtg	tgtagggttca	cagtagactt	taagtattgg	120
ccattgggct	gaacaacttc	tacaaagcag	gccaggtgaa	ttccatgaga	ttctaagtga	180
gtaggatgag	tttcaaggac	ctcctcgccc	agacacatcc	cattgctata	ctgggtttga	240
ctcaaccatt	tgccgggaag	taatcacatc	tcctaacata	gcgctctgac	attcaacctg	300
acttcagtcc	ttcttaggtg	gtattttaatc	acgtaattaa	ggagaactgt	ttaacatcaa	360
gctcttctgc	tggctctgaaa	agacctgagt	gtttattttac	ttaagcctga	aagttgatta	420
ttcatgggtg	tgagttctcc	cagagtggcc	ctaggcatcc	ggggactggg	acttaggtcg	480
aggagatctt	gagatggggc	agaaggctca	ctggtagtat	tggtggttc	cttctgggtc	540
ttatttttgc	ccaaaatcct	ttgttgggtt	ctagtaaacc	tctcatatcc	aaggatagca	600
ttattcaaat	cctcattcac	ctgaattagc	tcaacagtta	catcttcgtt	ctccaccacc	660
acaagcaggt	ccatgatcct	ctcctgcac	tcccgcacctg	ttttatagag	tttacgcaga	720
agctctatgt	cttcatgggt	ttcagaccca	ggagtaattc	tcctcaatat	ggcggataat	780
catcgcaaat	tcattttcac	catatccaat	tcactgtgca	gttttccaat	ctgttctggg	840
accaatgtaa	c					851

<210> 4026
 <211> 841
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (630)...(134)
 <223> similar to gi4240227 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4026

tttttttttt	ttacaaaatg	tgtatattaa	tagctttgca	caaataattt	aaagacaaat	60
tcagctagtc	taagaacttc	atgaaaataa	aacaggtgga	taaataacttc	atgtgcacaa	120
tgcactccat	cagacgtcgt	cggctgggag	aggaggtatg	ttgatccttg	gccttgtgaa	180
gaatgctatc	ttctccctaa	aggtctgcac	ttggatgggc	tctttgtggc	tctgcccacg	240
cagctggtag	atctccttgg	aggccttctt	cagcatcttc	tcagccgcct	gctcatgacg	300
gtagtcaagt	ttggtctgtc	ttgtctgcgc	ctcgccctcc	cgcagcaggc	cacggagccg	360
ctcgccccga	agcaccacag	gtgggaggtc	agtctggcca	cggagctggg	cgctctccaa	420
ccgctgccgc	agctcacgga	gggcgcagag	ctcctcattc	agctgcctct	gccgtgttct	480
cgacgcctgg	agatccagct	ccaagtccag	ggaggtgcgg	gccatgagct	cagccaggga	540
agacctgcat	gactgcaaga	gacgccagct	gtgagccctc	actcaggcct	tctagaaggt	600
tcttccacaa	ttaataggag	acaggtcagg	cacacgtatt	tctctaagca	cgcccaaggt	660
taaaaaaacac	agatgtgggc	aagagaaatg	taaattctcta	gttcagtatc	aaggttagta	720
acagcaaatt	gtttttcttt	aatgatgacc	tatgtattgg	cagaaatgtg	cagcaacaga	780

tgctcttata tggggctggc aggatcaaaa atggaacaat ctttatgaag ggccatttga 840
g 841

<210> 4027
<211> 2109
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2110)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1036)...(685)
<223> similar to gi4185944 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4027

ctcactctgt	tgcccaggct	ggattgcagt	ggtgcgatct	cggctcactg	caacctctga	60
ctcccgggtt	caagcgattc	tcctacctca	gcctcctgag	taactaggac	tacaggcgtg	120
agccaccaca	ccctgcta	ttttgtactt	tttagtagag	atgggtgccg	agaccagctc	180
cgtgtgcgga	gaccagctcg	gttgtggaga	ccctaacc	gcgttgctag	aggaattaaa	240
gacacacaca	cagaaatata	aagtgtggag	tgggaaatca	gggggctgac	agccttcaga	300
gctgagagcc	tcaaacagag	ttttaccac	atatttattg	acagcaagcc	agtgataagc	360
attgtttcta	tagattatag	attaactaaa	atgggaaaca	aagggatggg	ccaaaacaaa	420
ggtatgggcc	ctggctagtt	atctgcagca	ggagcatgtc	cttaaggcac	agattactta	480
tgctatgggt	tgtggttcag	gaaccccttt	aagcggtttt	ccgccctggg	gataggccag	540
ggtgttcctc	gctctcattc	cggtaaacca	cagccttccc	ancatggg	ttatggccac	600
catggaacat	gtcacagcgc	tgcaaggat	tttgtttatg	ggccagtttt	gggggcccag	660
ttatgtccag	atttgggggg	cctattcccc	agcatatccc	ccttcttggt	tttgaggggc	720
aataaaagca	aaggcagctt	tatcacgggt	agctacttct	cgcaggagtc	aggatctgca	780
tctgcagact	acacaaagac	aaacaacaca	gattaaaagc	acaatcatca	ttgaaatcac	840
agagcttcca	agtgttttca	tccattttaa	tgggttacta	gctgctaatt	tgtctgcagc	900
tcctttaagg	actccagttc	ctggcattaa	ggtcaggtgt	gcctgggatg	ctttaaatat	960
ttgttctttt	aatttttgcca	tatccaaaaa	caagtttgta	gagtgtcctt	ctagatgctt	1020
ttttattctt	tcccaaattt	tgatcttatt	aacagacatt	aatagtttcc	acaaatcctt	1080
atgttttagct	tctacagtgg	accatatcat	ttgaggttga	ggtgccacta	taccgccacg	1140
tttccagata	atgggaactc	ttgctgtatt	tcttaccatt	tctaccatct	gactgttttg	1200
ttcagaccag	ctgaacatag	tgtggctgtg	gcacacagac	tgacaggtgc	aattcaagct	1260
aaacatcccc	ttaggggacc	aatcaataat	gattccatag	gaattgttgc	acagcacctc	1320
tgctgttttt	gcaatgcaat	cttcccaaac	aaatacattc	attatttcta	gccagggtcca	1380
attctgttta	caaatagggt	tttgagggca	gtatacctca	attacaggag	cagattttatt	1440
atggtaaata	cggagaccag	aaagcatgtg	taactgtgtc	atagagtgat	tacatccagg	1500
cattattgcc	agccaagatt	gataaatacg	cccaataagt	ataattgtcc	tctgtgccag	1560
cccttggtga	aggaatactc	atggcaatgg	tgatcaccac	tatcatagct	atcattaaat	1620
tactcattgt	gactgggtgt	cccactttcc	ttaggttttc	ttctgccatc	tgtgacagct	1680
tcttgatctg	tccccaggta	ggtggctgcg	ttcgatgggt	gttgctcgtg	acagttgggg	1740
tccccctcag	cgtcagctct	aacatggctg	caaccagggg	atcctcgga	tcctcccaga	1800

atctattcct	cagcatcagg	ctcatgataa	ggtttcaggt	gcctegatga	tatccaaatt	1860
ggcagttgat	ttggtccacg	gggattgctt	aagagtactc	aggtgtcctc	cagcttagtt	1920
ccacgttctc	caaccgtcgc	tctggcgacc	cttcaaccga	ggttcgagcc	ccatgtatgg	1980
acaccacttg	ctgagaccag	ctcggttgtg	gagaccctaa	cccagtggca	ctggagcaac	2040
tcagcactac	ctgcagcggc	gcagctcctc	gtgccgaatt	cgtgcagccg	gcgaagncgn	2100
cgagtctcc						2109

<210> 4028

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (360)...(179)

<223> similar to gi558846 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4028

agtaaacaca	atttttagtat	cttttatttc	actaaattgg	aatgctgcta	ttacaggaca	60
aataaagaca	ggtgatgtgg	ccacccaaac	accaccaaca	tagctcttta	gtaggttata	120
ttgcaagctc	taatgtattc	cactatatga	acacagtcag	attctatttc	ttcatcaaaa	180
agtgttgttg	gaagtgtgca	gatgtattta	aatatagaac	ccctattcaa	tggttaggag	240
atgagagagc	agcagagatg	gaaaagaaac	tttataaaaag	tattctgaaa	atctgcccc	300
tttctccata	atgttcatgt	ttctcatgct	gagagtagct	gtgtactttg	ggtgttgg	358

<210> 4029

<211> 1155

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1156)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (90)...(528)

<223> similar to gi4972686 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4029

gcggccgcga	agcgtgcgca	ggctccggcc	gctgcgctgc	agatggcgga	aatggatccg	60
gtagccgagt	tccccagcc	tcccgggtgt	gcgcgctggg	ctgaggccct	tctgcatgt	120
tttacctggc	tgcggtgtg	tcagatttct	atgttcctgt	ctctgaaatg	cctgaacaca	180
agatccagtc	atctgggggc	ccactgcaga	taacaatgaa	gatggtgcca	aaactgcttt	240
ctcctttggt	taaagattgg	gctcccaaag	catttataat	ttcctttaag	ttggagactg	300
accccgccat	tgtaattaat	cgagctcgga	aggctttgga	aatttatcag	catcaagtgg	360
tggtggctaa	tatccttgag	tcacgacagt	cctttgtgtt	tattgtaacc	aaagactcgg	420
aaaccaagtt	attgctatca	gaggaagaaa	tagaaaaagg	cgtagagata	gaagagaaga	480
tagtggataa	tcttcagtct	cgacacacag	cttttatagg	tgacagaaac	tgaagtaaaa	540
agcccttata	ggatcaaaaa	ttgttcaggg	ctcttagaga	tggtgaaaac	tacaaaaaaa	600
accatggctt	tcatatggac	agataaaatg	aaagaaaggg	aaaaggcagt	ggtgtgtagg	660
caaatatggt	ttggcatttg	tcttttaatg	acacctgata	tgatgtcatt	ttgattttga	720
aattgaacac	tagaactgtt	aatcaccttt	aaaaagaaga	gcttattggg	aattatatat	780
tccttaaaat	atacatgggg	gcctgaatgt	cagccatctt	tatactatag	aaaaaggatt	840
atggatgcat	gaatggtcat	gctttggaga	tcaaataattg	gttgaatgcc	tatgtatgtc	900
aggccctgtg	ctgagccatg	aggattaaaa	agatgaataa	acatatcttg	tttaggaaat	960
ggatgtataa	aaaaatcaag	tgcaataaag	tgtgtgtcca	aaagctgaca	caatggaaaag	1020
gatgttttgt	tttgtttgaa	atztatcaaa	tatagtagta	ggaaagaagg	atacctccct	1080
gaagatagat	tgtagaatgg	ngagcttttc	actgcattta	ctttttgctt	cttattgtaa	1140
attcacctca	tgttt					1155

<210> 4030

<211> 1355

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (274)...(558)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4030

tttcgtgctt	gctgggatca	tggcggggaa	tcactgcgag	ctcctgccgc	tggcccgtgg	60
caggctcggg	gcggggttgg	ggtggcttct	tgtgcctccc	ttaaagcgcg	gggctcagcg	120
tcctggccca	gcgccccagc	agcagggtcca	agtgggtccg	gctctacagc	ggcggcacct	180
acttctctac	cactgggcag	acgcgcgtgt	gtcaggaccc	gaaatccttc	ctgtacctct	240
tgagccaggc	cgaccccgac	ccggactcgg	acaagacgga	gttttgttct	tgttgcccaa	300
gctggagtac	aatggcacia	tcttggtcca	ccacaacctc	tgccacctgg	gttcaagcga	360
gtctctctct	tcagtctcct	gagtagctgg	gattacaggc	atgcaccacc	acacacagct	420
aagttttata	tttttagtag	agatggtttc	accatgttgg	ccaggccagt	ctcaaactcc	480
tgacctcgtg	atccgcccac	cttggcctcc	caaagtgtcg	ggattacagg	tgtgagccac	540
cacaccagc	caattagggc	tgtcttacia	aaaaaaaaaac	caccacgaac	ctttgcgaga	600
atcgagcgca	gcctgtgctg	gttgtgtaag	ccgtgggaca	cacgggaaag	ccaggaagaa	660
gaggaagagc	acccccacac	cccaccgcg	tgaagaagag	caacccact	ccccgccgt	720
gggaagaaga	gcaccctcac	gccgggcccc	caggaagaag	agcaccacca	cgcccgcccc	780
gcagcatccc	gctggcttcc	tggccacctc	tcctcaccca	tcttagaggc	atggccgggc	840
tggggcatct	ttccctcctt	gggcaggatg	aaacaggcgc	ctattttaatc	gacagagacc	900
ccacctactt	tgggcctgtg	ctgaactacc	tgagacacgg	caagctgggtg	attaacaaag	960
acctcgcgga	ggaagatgat	accacgagtc	aacccaaaag	ttgctgggga	gaagttgctc	1020

tttaatgaat	tgcattctcat	gaatgtatca	ggctgtgacc	tttctgcact	ctctaagag	1080
ttcatgaatt	taggccaatt	atggccacaa	atgctgctgc	tgtcacagag	agatgccgga	1140
taaagaacac	ccaccaccag	tctctgaaca	gggaggggag	aatcaactct	gaatgtgatg	1200
tagtggccag	gagagaggac	catgttcaac	aacgccacac	agatgcaa	gacttggttc	1260
ttcaacaaac	tgcaagggaa	aaaataaaaa	tgggggaagc	tacagattaa	aatacatgtg	1320
tttgatagg	agagtattta	atggcaaaaa	aaaaa			1355

<210> 4031

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (50)...(668)

<223> similar to gi3170548 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4031

cgtggtggaa	ttcccagagt	gcttagctct	tgtgcaccgc	cctcaccccc	tgtactagct	60
gatggatacc	aagtccactg	accggaagat	gacactgctt	catttcacgc	ccttgacaga	120
gaaggagaaa	taccagacc	tggctaactt	ctggcatgag	ctgcactttg	ttgagaaggc	180
tgcagcagtg	tccctggaga	acgtgctgct	ggacgtgaag	gagctgggccc	ggggcatgga	240
gctgattcgg	cgtgagtgc	gcatccatga	caacagcgtc	ctccggaact	tcctcagtac	300
caatgaaggc	aaactagaca	agctccagcg	ggacgccaag	acggctgagg	aggcctacaa	360
tgcagtgtg	cgctactttg	gagagagtcc	caagactaca	cctccttctg	tattcttccc	420
agtatttgc	cgattcattc	gttcttataa	ggaagcagaa	caagagaatg	aagcccgcaa	480
gaagcaggag	gaggtaatgc	gggagaagca	gctggctcag	gaagccaaga	aactggatgc	540
caagacccca	tcccagcggg	acaagtggca	acagcaggag	ttaatagcag	agttgaggcg	600
gcgccaggcc	aaggaacacc	ggcctgttga	tgatgtcctc	gatggtacca	tccttcccct	660
cataaacagg	ccggtgttcc	ttggcctggc	gccgcctcaa	ctctgctatt	aactcctgct	720
gttgccactt	gttccgctgg	gatggggtct	tggcatccag	tttcttggct	tcctgagcca	780
gctgctacga	aa					792

<210> 4032

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (371)...(593)

<223> similar to gi1872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4032

ttttttcaca	aattataata	ttttattata	gaaaaagggg	gcccaaatac	aggatttcgt	60
aaacactggg	aggtgaacaa	gtgcaatttt	aaaagtaa	acaaagtaga	ggcaaacct	120
acaagcattt	tgccttcaga	agaaaatcgt	aatgttctcc	tgcactagtg	atcccaccca	180
gaacacaaat	gtggctccat	ctcccatgaa	agcatcatat	ttgctttctg	agctcagtat	240
tcccattttca	ataattgcaa	agtgatggca	agaagtggca	ctgaatacat	tactacaaac	300
ccttgactta	aaatattgag	acaggggtctt	gccctgtcat	ccaggctgga	gtgcagtagc	360
atcatcatgg	ctcactgcag	cctcatcctc	ctgggcctcaa	gcaatcatcc	tgtctcagcc	420
tcttgagtgg	ctgggaccac	aggtatgcac	taccatgtcc	atgcctggct	atTTTTTTaa	480
TTTTTTacgt	tgccaggcc	agtctgaaac	tcctgacctc	aagtgatcct	cccaccttgg	540
cctcccaaag	tgctgggatt	accggcatga	gccactgcac	ccagccaaaa	cctttaattt	600
TTTTTTTTct	TTTTtgagat	ggagtcttga	aaaacaaaaa	cgaaaacaca	acctgagatg	660
gaccatgtga	gcaggtgata	ccatcagggg	gtgctcagtg	tgttctaaaa	atcgcagtg	720
ctggcacaca	gcaaaagctt	cacaaatata	caccaaataa	ccaaggaaaa	taagtaacaa	780
acattatgcc	tgcattgctaa	ataaattcac	agataatctt	caaaataacc		830

<210> 4033

<211> 925

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (29)...(453)

<223> similar to gi192260 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4033

gcggccgcac	gctggagccc	tacccgttgg	tgatcgcggg	ggagcacaac	atcccggtggc	60
tgctgagcct	gcccggctcg	gggcgcctcg	tggagggcga	ggtctacgcg	gtagacgagc	120
ggatgctgcg	ctttctggat	gacttcgaga	gttgcccggc	cctgtaccag	cgacgggtgc	180
tgcggttaca	gctgctggag	gaccggggccc	cgggcgagc	aggagccgcc	agcgcccacc	240
gcggtgcagt	gcttcgtgta	cagcagggcc	accttcccgc	cggagtgggc	ccagctcccg	300
cacatgaca	gctacgactc	cgagggggccg	cacgggctgc	gctacaacct	ccgggagaac	360
agataagggg	gacgggcagg	gtgggcctag	gtttgagagc	cctggggctc	caagatgcgc	420
ccagcccatg	ctgggtgaag	gcggaagccg	aacaggggccc	tttccaatga	atctgccgga	480
aaggaaccaa	tctttcagtg	gcagctgatt	ttacaaataa	tgttgagata	cgaatagcaa	540
ggtgcttccc	tcccatcttt	ctacctggta	agaaaaattt	aggattttta	ctcccctaaa	600
tgacatttag	agaactcgtg	ttatgcctaa	ttcttcttcc	tcctcgtgtt	gtttctgctg	660
ttggctctgc	tttgagctca	agataatatt	taggatcagt	gtaaagactt	ggtgttgccg	720
ctagatttta	gcagccctac	tatactgatt	ctggcctgta	acctctgaga	aagccgattt	780
tacacggctg	ggtagaattt	gtagaaaaga	tccacagggc	aagcatgctg	tatatcagag	840
tgcgtatagc	accattcttc	ctaattttca	gatcaagctt	cacagcaa	attaagatt	900
atttaaattt	gaaccacgc	gtccg				925

<210> 4034
 <211> 403
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4)...(179)
 <223> similar to gi6015487 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4034
 aatacagtgg gtggctgtgg ctgctgcgtt ggtggtggct gtgtttgtgg ctgggggtggc 60
 acctgatgtg gtggctgcag ctgtggtggc tgtggctgct gcagtggctg tggtctgat 120
 ggtggtgggtg gcggcgccgg tgggtggtggc tgcgggtggct gttgctgctg caagggatcc 180
 aacatgactc ctgactttct accattgatg cttgagctct cataagacac cacaccttca 240
 ttcagtgagg aagaaatgct ttcactctgg gaattcacag catcccaatc tgacgttgta 300
 cccgtgtgac actgtttgtg agccccaagt ttcaacgagc tcttgcaagt aaacggacat 360
 tcgtcacatt tgtagacagc tgtctttcca gataagtgga tgt 403

<210> 4035
 <211> 898
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (826)...(231)
 <223> similar to gi825667 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4035
 tttttttttt ttccagcagg ctaatttgtc tgtttattcc cacaaggtag ccaggggtgg 60
 gggcgccgag ccaagcccag caggccatgg gaccttctc cggcggggtg cacgctggat 120
 tttcgggtct gccccaccag caggtttgca ggcaggccgt catgagtgcg ggtggaaggc 180
 tccgagggcg tgggcagggg ctcgggcggg gccacacact tgtggagcta gaaatagtgg 240
 ggcaggtcct tctctatcac caggggctcc tccatgggtc cgtagcgtt caccacgcag 300
 ccgttcttgt cgatgaggaa cttggtgaag ttccacttga tggcatttcc caggatgccc 360
 ttgcccttgg gttggatctt catccacttc cacagcgggt gggcgtcgtc cccgttcacg 420
 cagatcttgc tgaacatata gaatttgacg ttgtagcccg cggcgaactc tttgatctct 480
 tcgttactcc ctggtcctctg cttcccgaac tggttacacg ggaaggccag gatccgcaaa 540
 ccacactcag cgtatcgggc gtgcaggctg acgagctgag tgtagtttac ttcggtcttg 600
 cctcactggg aggccacgtt ggtgacgatg cacacgaagc cccggtactt gtccaggtta 660
 accatgtgcc cgtcgatgtc cttggcggaa aactcgtgca tggagcgcgc acagcgccag 720
 tcgtccggg acgcgcacat ggtcccggcc aggccaggcg cggccagagc cccacagagc 780
 agcgccggct tcagtaggcg gcaaaggcgg ccgaggctca tcgcggcggg gctgggagcc 840

<210> 4036
 <211> 2047
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2048)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1)...(560)
 <223> similar to gil3009 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4036

cccacctcca	aatatctcat	caacaaccga	ctaataccca	cccaacaatg	actaatcaaa	60
ctaacctcaa	aacaaatgat	agccatacac	aacactaaag	gacgaacctg	atctcttata	120
ctagtatcct	taatcatttt	tattgccaca	actaacctcc	tcggactcct	gcctcactca	180
tttacaccaa	ccacccaact	atctataaac	ctagccatgg	ccatcccctt	atgagcgggc	240
gcagtgatta	taggctttcg	ctctaagatt	aaaaatgccc	tagcccactt	cttaccacaa	300
ggcacaccta	cacccttat	ccccatacta	gttattatcg	aaaccatcag	cctactcatt	360
caaccaatag	ccctggccgt	acgcctaacc	gctaacatta	ctgcaggcca	cctactcatg	420
cacctaattg	gaagcaccac	cctagcaata	tcaaccatta	accttccttc	tacacttatc	480
atcttcacaa	ttctaattct	actgactatc	ctagaaatcg	ctgtcgcctt	aatccaagcc	540
tacgttttca	cacttctagg	atagtcagta	gaattagaat	tgtgaagatg	ataagtgtag	600
agggaaagggt	aatggttgat	attgctaggg	tggcgcttcc	aattaggtgc	atgagtaggt	660
ggcctgcagt	aatgttagcg	gttaggcgta	cggccagggc	tattggttga	atgagtaggc	720
tgatgggttc	gataataact	agtatgggga	taaggggtgt	aggtgtgcct	tgtggtaaga	780
agtgggctag	ggcattttta	atcttagagc	gaaagcctat	aatcactgcg	cccgtcata	840
aggggatggc	catggctagg	tttatagata	gttgggtggt	tggtgtaaat	gagtgaggca	900
ggagtccgag	gaggttagtt	gtggcaataa	aaatgattaa	ggatactagt	ataagagatc	960
aggttcgtcc	tttagtggtg	tgtatgggta	tcatttggtt	tgaggttagt	ttgattagtc	1020
attgttgggt	ggtgattagt	cggttgttga	tgagatattt	ggaggtgggg	atcaatagag	1080
ggggaaatag	aatgatctgt	tcgcttcatt	cattgcccc	acaatcctag	gcctaccgc	1140
cgcagtactg	atcattctat	ttccccgtct	attgatccgc	acctccaaat	atctcatcaa	1200
caaccgacta	atcaccaccc	aactatctat	aaacctagcc	atggccatcc	ccttatgagc	1260
gggcgcagtg	attataggct	ttcgctctaa	gattaaaaat	gcccttagcc	catttcttac	1320
cacaaggcac	acctacaccc	cgttatcccc	atactagtta	ttatcgaaac	ccatcagcct	1380
actcattcaa	ccaatagccc	ttggccgtac	gcctaaccgc	taacattact	gcaggccacc	1440
tgctcactgc	acctaattgg	aagcgccacc	cttagcattt	tcaaccatta	accttccttc	1500
tacacttatc	atcttccaca	attctaattc	tactgactat	cctagaaatc	gttgtcgtgc	1560
aggtagaggc	ttactagaag	tgtgaaaacg	taggcttgga	ttaaggcgac	agcgatttct	1620
aggatagtca	gtagaattag	aattgtgaag	atgataagtg	tagaggggaag	gttaatgggt	1680
gatattgcta	gggtggcggt	tccaattagg	tgcattgagta	gggtggcctgc	agtaattgta	1740
gcggttaggc	gtacggccag	ggctattgggt	tgaatgagta	ggctgatgggt	ttcgataata	1800
actagtatgg	ggataagggg	tgtaggtgtg	ccttgtggta	agaagtgggc	tagggcattt	1860

ttaatttttag	agcgaaagcc	tataatcact	gcgcccgc	ataaggggat	ggccatggct	1920
aggtttatag	atagttgggt	ggttgggtga	aatgagtga	gcaggagtcc	gaggagggtta	1980
ggtggaattc	caccactctg	caataggtat	ctcagtggna	tcaaaatntt	ttnttctgct	2040
taaaaaac						2047

<210> 4037

<211> 1194

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (47)...(1157)

<223> similar to gi3478637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4037

acgtgcggaa	ccggtccgga	gttcccggcg	ggacccacgc	gtacgctacg	tgcgagcggt	60
tgttcgcgtc	tttaccggcc	aggccaaggt	caaggcctca	gccaggaagc	aggcgctgggt	120
gttccagggt	gtgggctgcg	gggccttcca	ccttcagcgt	ctcggcaaag	cgtcaggagt	180
ccccagcggc	cgggccaagt	tctctgcagc	ctgtgtgtccc	cctgtgacct	ccgagtgtga	240
acactgtggg	caacgacacc	agcttggtgg	ccccatgtgg	gcagagccca	tccatgacct	300
ggattttgtg	ggccgtgtcc	tggaggtgtg	gagcgctaac	cccggccgct	tccacacctc	360
ggagcggatc	cgaggggtcc	tgagcgtcat	cactgaggag	ctcccggacg	tgctctgtga	420
ctacaccctg	gaccagctga	gcagcaccat	ccactgcaac	acaccaagcc	tcctgcagtt	480
gcggtcggcc	ctcctccacg	ctgacttccg	ggtctcactc	tcccacgcct	gtaagaacgc	540
tgtgaagacg	gatgcccctg	cctctgccct	ctgggacatc	atgcgttgct	gggagaagga	600
atgtccggtg	aaacggggagc	gactatcaga	gactagccca	gcgttccgca	ttctcagtggt	660
ggagcccagg	ctgcaggcca	acttcacccat	ccgggaagat	gccaacccca	gctcccgcaca	720
gcgaggactc	aagcgcttcc	aggctaacc	ggaggccaac	tgggggtccc	ggcctcgtgc	780
ccggccaggg	tgagtgtgtg	taaggtgggg	gtgggggtca	gccagggaaa	gaaggggtaa	840
agggcagatg	gggtcccacc	tactcctccc	ctcgcacagg	ggcaaggcgg	ccgacgaagc	900
tatggaggag	agacgcaggc	tgcttcagaa	caagcggaag	gagccgccgg	aagatgtggc	960
ccagcgggct	gcccgggtca	agacatttcc	ttgcaagagg	tttaaggagg	gcacctgtca	1020
acgcggggac	cagtgtgtgt	actcccacag	ccccccgaca	cccagggttt	ctgtgatgc	1080
tgcccctgac	tgtccagaga	cctccaacca	gacccccct	ggacctgggg	ctgccgctgg	1140
gccaggcata	gactgaacca	ataaagagat	gtcacgtcac	cttcaaaaaa	aaaa	1194

<210> 4038

<211> 986

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (978)...(331)

<223> similar to gi818014 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4038
atcatctttt ttgatacttt tttaaaaagc tcaaatgag gaacataaaa tactatcaag    60
taatcaacag aacattcaat gtgtataaag atttttttaa aaatacgttt aaaaagagag    120
ccaggggaatt caatttacat tttagaccat ttaatggagg tatttggtgc acatgtggtt    180
ttagtgtaac gtaaacacaa catctctccc cagaaacact taacctgagt tggaaatgaa    240
atatgaactg aagagattct taattcacac atacacttct cctcaaaata ttagcaatga    300
ttccaactga ggattctgct tgaagttcag gactcggtcc caggacagga atgaaggaaa    360
actccgtgca gttcgaacgc tctgctgaag tcaaaggact gcacctgcgg gctcttaatc    420
agagctagct tcctcaaaca cccgcggaac gaggtctggc tgcgcaggca ttttgcttc    480
acaccagcag gatagccacc aacataaatg ggattgttg tgtccactga ggtagactgg    540
gtgtgtggac tttcagcgcc aactgcgttc ccgtcaacaa tcagagtgat acggtgtttg    600
cttttgtagg cttgaagagt gtgccatttt ccacacaga gcacagtggc ggttttgggc    660
tcatatgcag ctgttatcct gccagcacca ttgttgacat ggaacaagac cttgccgtcc    720
acaagctcta gtccaatggc atccactttg gcagtgtgta tccccaggag gacgccattc    780
tgcgaggagg ttcgaaactc cagtgtgatg ttcacatctg actggacttt gtagccctct    840
ttgactgtaa cacacaagga ggacccaagt caggggtgagc gctgccaggc ccaggttgag    900
catttggcct cctggctagg ggttggggga cctggctcta gctcctcctt tggatccagc    960
tgcaccccca ccagcaggtc actcct                                     986

```

<210> 4039

<211> 1084

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1047)...(476)

<223> similar to gi2944066 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4039
tttcgtgcgg aggagctgct cttggagggg aagaaggcgc tgcaactcgg tgagtgcact    60
gcgatgtccg cgacctcaa ccttggecca ggtggatctg acgctctgtg gtcagctttc    120
tcctcagtct cctctcctcc ggatcccagg atcctccagt gccctcagag tcgctggggg    180
cttctgaaga gcccttgagc ctctcaaaa ctttcagggc cctccttaga gccctcacct    240
gtccctcggg ctccgcaggc ccacctggac ctgcggtttc ctcccacact tttccccacc    300
tcccaccttc ttgggtgggt ccctcactgt ctcccttct ctctgcagcc cgcgagccgc    360
gcctgggcct ggacttagga tggaaccctt ccggagaagg ctgtacgcag ggcctcaaag    420
acgtcccacc cgagccgacc cgagacatcc tcgctttaaa gagccttccc cggggcttgg    480
cccttgcccc ctactcgcc aaggaacagc gcttgggggt ctggtgtgtc ggggaccccc    540
tgcagcccgg cctgctgtgg gggccgctgg aagaggagtc tgcctccaag gagaagggcg    600
agggagtaaa gccacggcag gaggagaacc tgtcattagg cccatgggga gacgtgtgtg    660
cctgtgagca gagttctggc tggactagct tggtaacaac gggcaggctg gagagtgagg    720
gaaatgtggc ccagtgcggt atcagcgaga ggcttcatct gcaagtgtac cagctgggtg    780

```

tgccaggctc	tgaactgctg	ctgtggcccc	agcctttctc	tgagggccca	agtctcacc	840
agcctgggct	ggacaaagag	gcagctgtag	cagtggagtc	tgctgtacag	caggaagtgg	900
cctcccctgg	ggaggatgca	gcagaacctt	gcatagatcc	tggttcccag	tcacctctg	960
gcatccaggc	agagaatatg	gtgagccctg	gacttaagtt	cccaacccaa	gaccgaattt	1020
ccaaggatag	ccagccactt	ggcccattgc	ttcaggatgg	cgacgtggat	gaggaatgcc	1080
cggc						1084

<210> 4040

<211> 1893

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (57)...(1158)

<223> similar to gi2739107 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4040

cagcagcgcg	caggctctca	ccatagctct	ggtggccacc	tctgtcccgc	catgctgctc	60
accgacagt	gccaggggccc	acagcaccaa	gaggcttggg	ccacaaagta	aagggtcgcg	120
gagcctcgcc	ggccgccatg	tggagctgca	gctggttcaa	cggcacagg	ctgggtggagg	180
agctgcctgc	ctgccaggac	ctgcagctgg	ggctgtcact	gttgctcgctg	ctgggcctgg	240
tggtgggctg	gccagtgggc	ctgtgctaca	acgcctgtct	ggtgctggcc	aacctacaca	300
gcaaggccag	catgaccatg	ccggacgtgt	actttgtcaa	catggcagtg	gcaggcctgg	360
tgctcagcgc	cctggcccct	gtgcacctgc	tcggccccc	gagctcccgg	tgggcgctgt	420
ggagtgtggg	cggcgaagtc	cacgtggcac	tgcagatccc	cttcaatgtg	tcctcactgg	480
tggccatgta	ctccaccgcc	ctgctgagcc	tcgaccacta	catcgagcgt	gcactgccgc	540
ggacctacat	ggccagcgtg	tacaacacgc	ggcacgtgtg	cggcttcgtg	tgggggtggcg	600
cgctgctgac	cagcttctcc	tcgctgctct	tctacatctg	cagccatgtg	tccaccgcgc	660
cgctagagt	cgccaagatg	cagaacgcag	aagctgccga	cgccacgctg	gtgttcacgc	720
gctacgtggt	gccagcactg	gccaccctct	acgcgctggg	gctactctcc	cgcgtccgca	780
gggaggacac	gcccctggac	cgggacacgg	gccggctgga	gccctcggca	cacaggctgc	840
tggtggccac	cgtgtgcacg	cagtttgggc	tctggacgcc	acactatctg	atcctgctgg	900
ggcacacggt	catcatctcg	cgagggaagc	ccgtggatgc	acactacctg	gggctactgc	960
actttgtgaa	ggattttctc	aaactcctgg	ccttctccag	cagctttgtg	acaccacttc	1020
tctaccgcta	catgaaccag	agcttcccca	gcaagctcca	acggctgatg	aaaaagctgc	1080
cctgcgggga	ccggcactgc	tccccggacc	acatgggggt	gcagcaggtg	ctggcgtagg	1140
cggcccagcc	ctcctgggga	gacgtgactc	tggtggacgc	agagcactta	gttaccctgg	1200
acgtcccca	catccttcca	gaaggagacg	agctgctgga	agagaagcag	gaggggtgtt	1260
tttcttgaag	tttctttttt	cccacaaatg	ccactcttgg	gccaaaggctg	tggtcccctg	1320
ggctggcatc	tggtctgagt	ctccccgagg	cctgtgcgtc	tcccaaacac	gcagctcaag	1380
gtccacatcc	gcaaaagcct	cctcgccttc	agcctcctca	gcattcagtt	tgtcaatgaa	1440
gtgatgaaag	cttagagcca	gtatttatac	tttgtgggta	aaatacttga	ttcccccttg	1500
tttgttttac	aaaaacagat	gtttcctaga	aaaatgacaa	atagtaaaat	gaacaaaacc	1560
ctacgaaaga	atggcaacag	ccagggtggc	cgggccctgc	cagtgggcgg	cgtgtgctag	1620
caaggcctgc	cgggtgtgcc	gcagtcacca	cagggttctg	agaacatttc	acagaagtgc	1680
ctgagacgcg	gagacatggc	tggtgttaaa	tggagctatt	caatagcagt	gacgcgctct	1740
cctcagccac	caaatgtccc	tgacaccctc	cccagccccc	acagataaca	tcagctgagg	1800
tttttttcag	tatgaacctg	tcctaaatca	attcctcaaa	gtgtgcacaa	aactaaagaa	1860

<210> 4041
 <211> 1341
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1342)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2)...(413)
 <223> similar to gi5262748 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4041

gaagccacca	gtgcctccca	agcccaagct	caagtccccg	ctggggaagg	ggccggtgac	60
cttcagggac	ccgctgctga	agcagtcctc	ggacagcgag	ctcatggccc	agcagcacca	120
cgccgcctct	gccgggctgg	cctctgccgc	cgggcctgcc	cgccctcgct	acctcttcca	180
gagaaggtcc	aagctatggg	gggaccccg	ggagagccgg	gggctccctg	ggcctgaaga	240
cgacaaacca	actgtgatca	gtgagctcag	ctccgcctg	cagcagctga	acaaggacac	300
gcgttccctg	ggggaggaac	cagttggtgg	cctgggcagc	ctgctggacc	ctgccaagaa	360
gtcgcccatc	gcagcagctc	ggtgagcagg	gcggtgcggg	gagggatccg	tgccttgctc	420
gtggccccgt	ctgtcattcc	tcttgctctg	tctctggctc	tctgttccct	ccttggtctg	480
ttccattcct	tctgtggcaa	cccccaacct	gccccgcga	tccacctctg	aatctggtct	540
tgcttggcct	gcccgagaga	ggaggttctt	ctgggcgtct	gacacgtcag	ggttgctgct	600
cactgtgtcc	ctgttggtgc	cagaagtggg	agctgggctc	ccctcagaga	ctcaggttgg	660
gcatgaggcg	cctccatggc	cctcctggag	gctcttggcc	ccagggattc	ctgtgagttc	720
tctctctccc	tcccgcacac	ggctgtcttt	accattaagg	gttggtttgt	gttttacttt	780
ggaggtacgc	ctccctcctc	ccatcctctc	tgtggccatg	tggctgcccc	gtgtggtctga	840
taccctctgc	cttacagctg	cctcctgcct	tgttccctct	ggcggttggg	agcacactga	900
ctccttttct	tttgggggat	ctgccactaa	ctccctatct	cccatcccag	aaacatttgt	960
ctcttggcac	caccttagaa	tcccttaaac	atggattccc	gtgtgtcatt	tctaaagtgc	1020
agtaagaaga	tagatggaag	tcacgccatc	tccctgcact	ccatctgccc	tcttgccctc	1080
tccccaccac	ttccccgtct	gtcctgcccc	tgcccagaag	gatctgagca	ggggcctggc	1140
ttgctgctga	ggctgtcaca	gctgccagag	ccctgggctg	atcccatagg	tctttccttg	1200
aggacccgac	tccaagggt	ccttccaaag	aggagccctt	cgggcccgtg	ggctgcatgg	1260
atgtggcg	cagagctggt	catccccac	ccgccccct	gtctgccttt	ntaaaagctg	1320
ctttgccttc	tgtgccccta	a				1341

<210> 4042
 <211> 1904
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (160)...(1185)

<223> similar to gi5817164 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4042

```
cccaggcaag gaggtgctgg ggatggggaa tgttcacagg tgaacaacag cagtggtttt 60
tcaacttctt ttcatcagc agaaactatt tacaacagg gtttcatatg gacccccaat 120
atagaagtca gataaggga tgaaccaggg actggggggc cagggcccta gggctcagcc 180
tcctcctcag ccacgaagc catgtgactg ctgggctggg gatcgaaggc agagcctggg 240
tctgaagcct agagctggaa gctggctgag aaggctctgg aagcccagct ccctggattc 300
ccctcgcccc ctcaagtctc cgtgcggtgc ggccggggcc agagaagccg gcaggttcgc 360
tgtgttggga acaacggtga tgaagtgagc gagcaggagt gtgcgtcagg cccccacag 420
ccccccagca gagaggcctg tgacatgggg ccctgtacta ctgcctgggt ccacagcgac 480
tgagagctcca agtgctcagc cgagtgtggg acgggaatcc agcggcgctc tgtggtctgc 540
cttgggagtg gggcagccct cgggccaggc cagggggaag caggagcagg aactgggcag 600
agctgtccaa caggaagccg gccccctgac atgcgcgct gcagcctggg gccctgtgag 660
agaacttggc gctggtacac agggccctgg ggtgagtgtt cctccgaatg tggctctggc 720
acacagcgta gagacatcat ctgtgtatcc aaactgggga cggagttcaa cgtgacttct 780
ccgagcaact gttctcacct cccagggccc cctgccttgc agcctgtca agggcaggcc 840
tgccaggacc gatggttttc cagccctgg agcccatgtt ctgcctcctg ccaaggggga 900
acgcagacac gggaggtcca gtgcctgagc accaaccaga ccctcagcac ccgatgcct 960
cctcaactgc ggccctccag gaagcgcccc tgtaacagcc aaccctgcag ccagcgccct 1020
gatgatcaat gcaaggacag ctctccacat tgccccctgg tggtagaggc ccggtctctgc 1080
gtctaccctt actacacagc cacctgttgc cgtctcttgc cacatgtcct ggagcgggtct 1140
ccccaggatc cctcctgaaa ggggtccggg gcaccttcac ggttttctgt gccaccatcg 1200
gtcaccattt gatcgcccca ctctgaaccc cctggctctc cagcctgtcc cagtctcagc 1260
agggatgtcc tccagggtgac agagggtggc aagggtgactg acacaaagtg actttcaggg 1320
ctgtggtcag gcccatgtgg tgggtgtgatg ggtgtgtgca catatgcctc aggtgtgtctt 1380
ttgggactgc atggatatgt gtgtgtctca acgtgtatca cttttcaaaa agaggttaca 1440
cagactgaga aggacaagac ctgtttcctt gagactttcc taggtggaaa ggaaagcaag 1500
tctgcagttc cttgctaate tgagctactt agagtgtggt ctccccacca actccagttt 1560
tgtgccctaa gccctatttc tcatgttcag acctcacatc ttctaagccg ccctgtgtct 1620
ctgaccctt ctcatttgc tagtatctct gcccctgcct ccctaattag ctagggtctg 1680
ggtcagccac tgccaatcct gccttactca ggaaggcagg aggaaagaga ctgcctctcc 1740
agagcaaggc ccagctgggc agagggtgaa aaagagaaat gtgagcatcc gctccccac 1800
caccgcgcc agcccttagc ccaactcctt gcctcctgaa atgggtccca cccagaacta 1860
atattttttt tattaaagat ggtcatgaca aatgaaaaaa aaaa 1904
```

<210> 4043

<211> 1409

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (177)...(695)

<223> similar to gi5104893 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4043
tttttaagtt tgttttggaa ataacagaaa agatatttat tggccaggaa gttggtgctg      60
ctaagaccga gaaattttaa gaatcggaca gatggacgca gagaaccaga gggcaatgtg      120
ggaccttctc ttgccatggc ctcaggtctt gaggggaaggc tcgggcctag gtttctggac      180
tgcaaagggg acccccaggt gggaggggca ggaagcagcc ggagtgaagg cttcgccctc      240
gagtgcctgg ctgcacctc tcgagctgtg ccctgggcat cactgagcag aggggtgctg      300
cagcttcagg aggcagaaac gagaggggtg ggagatccac aggaccaaag ggtgcagtga      360
tggtgctgggt ggcgggcccc gggaaatggg gtggggatgg gctgggtaag acctggccct      420
cccctgctgc cctgaagacc accccagtct acctcgggtg tggccaggaa acctttcggc      480
tacctctccc accatcccag actgtgggca gggggatggg gagggagtgg gcctggatct      540
gggacctccc tccagaattt cctccagatg ggggcagtgc ccaggaggag gttatttgtc      600
ttccctgcc a tggagtggga atccccagcc gagggcctag gcccctcagc aggggaaggga      660
tccccgggga ggcaggtccc aggagcagac cctgccccca gccccacag acacacccca      720
atctgaaagc catgctgtgc ggtgtatata ggaaccatgt acagagccca gagaagcccc      780
ctacatcccc ccgggaaaaa aaagaaaact agacagaaac tcatctatat attctgtatc      840
tggagtcccg ttttgaatat taactgtgtt atttttatac actttttaag ccttaactcg      900
ccattgattt accagtttaa cgtttcctgg ggtttctttg cccatggggt tctctgcccc      960
caccctcgcc cctttgtttg acttgcgtcg tctgatactc agtattgtag ctttttgtcc     1020
gcatgttact ccctgtaaat acgctgttat acatactgtt aacaccctt tgctttttct     1080
atgggacctc caggccacca tatttagaac tagttacctt attaaaaaag aaaaaaacgt     1140
ctgttggctt ctcatgtctg atcttggagg caggagggtg agggcagggt cccctcagac     1200
acttcaggaa ggtagtgttc attctattta aaaaaggagg tggggagcaa atgaaaatca     1260
aatgtggggg gaaaacacta aagggggcaa gaaacaaagg aattacaaac cctctgctct     1320
ttgtatttct ctgttgtgaa gaataaactg tacctgcacc cggaaaaaaa aaaaaaaggg     1380
ggggccgttt tagaggaccc aagcttacg                                     1409

```

<210> 4044

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (790)...(646)

<223> similar to gi4558700 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4044
cagatgggag gatgcctggc tgtgcccag gcgagtgggc attggccatc aggacaggag      60
agaggtgggt tccagtggag acatccacgt agccctgcag gccctcagcc cccaggacca     120
cctcagtttg ggcattgccc ctccccctcc actgggggtg gagtgaaccag gagtgaacca     180
gctgggggaca ggcgggaggc aggacagctc tggagggggc ccaaggctcc cgccccccat     240
ggggggcccag cagcgactcc atcccccgag tcctcccgga caccctggca cctggggaga     300
ggcgaggagg ggcaggaacc ccagctgctc ccagggtggc agccgtgggc ggaggctctg     360

```

ctgcaggatc	cgggaggccc	agagaaggca	cctgcatttc	acgctgagcg	catctgagga	420
tgcgatcagg	aagcagcccc	ggcactctct	ctttatggat	gcccacttcc	agtttaaccg	480
tgggatcccc	ggggcaaggg	cgccctccaa	gctgtgcttc	actaattccc	tcagggtttg	540
gaactatttg	cccagttccc	acgatgggcc	tttaagctct	cgctcttcc	aacctaaaggc	600
aacttcaacc	atctgataaa	tctaataata	agttacaatc	gaggccgggc	acagtgggtct	660
gtaatccag	caccgtggga	ggctgaggtg	gaaggattgc	ttgagcctgg	gaggtggagg	720
ctgcagttag	ccatgacagt	gccactccac	tccggcctgg	gcaagacagc	aagaccctgt	780
ttaaaaaaaa	aa					792

```

<210> 4045
<211> 783
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (7)...(583)
<223> similar to gi3929312 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4045						
catgcgtccg	attcagcacc	acaggattag	aaccatgatt	tacaggagca	agatggcgag	60
cctgttcccc	catccaatgt	agaagctata	gctgaacatg	cggttttgtc	agaagaagag	120
aatgaggaat	ttgaggctta	ttccccagct	gcagccccta	catctgagcg	ctctctctca	180
ccatccacaa	ctgagaagac	ttcagagaac	cagtctccac	tgttttcaac	agttacacca	240
gaatacatgg	tcctatcagg	agacgaggcc	tcagaaagtg	ggtgttacac	accagactcc	300
acatctgctt	ctgaatattc	agttccatca	ctggcaacaa	aagagtcact	gaagaaaaca	360
attgaccgta	agtccccgtt	aatattgaaa	ggtgtttctg	agtacatgat	tccatcagaa	420
gagaaggaag	acactggatc	gtttactcca	gctgtggccc	ctgcttctga	gccctctctc	480
tcaccatcca	caaccgaaaa	gacttctgaa	tgccagtcac	cactgccttc	tactgccaca	540
tcagaacacg	tggtcccatc	agaaggagag	gacctaggaa	gtgaacgttt	cacaccggat	600
tcaaagttga	tctccaaata	tgagcccca	ctcaatgcaa	cacaggaatc	tcaaaagaaa	660
ataatcaatg	aggcatccca	attcaaacca	aaaggtattt	ctgagcacac	agttctgtca	720
gtagacggca	aggaggtcat	tggaccatct	tcgccagatt	tggttggtgc	atctgaacac	780
tct						783

```

<210> 4046
<211> 1032
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (918)...(501)
<223> similar to gi3877422 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



```

<400> 4046
tggtttcttcc tttattctta gttcttagct gtgatggatc cttgcaatga aagaattaag      60
aagggcggtt gcggtgggtg acgcctgtaa ttccagcact gtggaaggtc gacgtgggac      120
gattgcttaa gccagggct caaggccagc ctgggtaaca tgaacaattc ttaacgtcca      180
aagataacgt ctttccttaa cgtcgaaaga tgcttgttg tgatattaca gcagtcattc      240
ctgctcacta cgggcaggca gacagtgcag aaaagggtgaa gcacaaaaac taaaaaggaa      300
aatctctcct tgaaccactg cgaacagatc cgagtgtctg ggtactgtct ccagctgggt      360
ggtggagttc tggttgaaca gtgtcccgcc aggtccgaag tggggacacg tctgttggtg      420
gtgtccaccc aactcagcca ctgcaggacc atcttgcgac tctttgatga cctggccatg      480
tttgtctaca ctaagcaata tggcctgggg gcacaggagg aggacgcctt tgtccgctgt      540
gtctccgtcc tagggaacct ggctgaccag ctctactacc cctgtgagca cgtggcctgg      600
gcggctgatg cccgggtcct ccacgtggac tcttctcggt ggtggacgct gagtacaacc      660
ctgtgggccc tctctctgct cctggggggt gccagggtccc tgtggatgct gctgaaactg      720
agacagaggc tgcggagccc cagggcgccc ttcaccagcc cgctgccccg gggcaagcgg      780
agggccatgg aggcgcagat gcagtcggag gcgctgtcac ttctcagcaa cctggccgac      840
ctggccaacg ccgtgcactg gctgccccgg ggcgtgtctg gggccggccg ctccccgccg      900
tggctagtgg gcctcatggg caccacctcc tgctgccag ctggcgtctt gtatccaaat      960
caagatgagg aagagggggc ctgtcgtgcc ttgagaaagc tggaacggga atcaattaaa     1020
cattgtggtg ct                                     1032

```

<210> 4047

<211> 2843

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (19)...(1740)

<223> similar to gi4884194 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4047
gtaagtgcgg tggaaattcgt gctccatggg aaagatttcc aagtagattg caaagcttcc      60
ggctccccag tgccttagat atcttggagt ttgcttgatg gaaccatgat caacaatgca      120
atgcaagccg atgacagtgg ccacaggact aggagatata cccttttcaa caatggaact      180
ttatacttca acaaagtttg ggtagcggag gaaggagatt atacttgcta tgcccagaac      240
accctaggga aagatgaaat gaaggtccac ttaacagtta taacagctgc tccccggata      300
aggcagagta acaaaaccaa caagagaatc aaagctggag acacagctgt ccttgactgt      360
gaggtcactg gggatcccaa accaaaaata ttttggttgc tgctttccaa tgacatgatt      420
tccttctcca ttgataggta cacatttcat gccaatgggt ctttgaccat caacaaagtg      480
aaactgctcg attctggaga gtacgtatgt gtagcccgaa atcccagtgg ggatgacacc      540
aaaatgtaca aactggatgt ggtctctaaa cctccattaa tcaatggtct gtatacaaat      600
agaactgtta ttaaagccac agctgtgaga cattccaaaa aacactttga ctgcagagct      660
gaagggacac catctcctga agtcatgtgg atcatgccag acaatatttt cctcacagcc      720
ccatactatg gaagcagaat cacagtccat aaaaatggaa ccttggaat taggaatgtg      780
aggctttcag attcagccga ctttatctgt gtggcccga atgaagggtg agagagcgtg      840

```

ttggtagtag	agttagaagt	actggaaatg	ctgagaagac	cgacatttag	aaatccattt	900
aatgaaaaaa	tagttgcccc	gctgggaaag	tccacagcat	tgaattgctc	tgttgatggt	960
aacccaccac	ctgaaataat	ctggatttta	ccaaatggca	cacgattttc	caatggacca	1020
caaagttatc	agtatctgat	agcaagcaat	ggttctttta	tcattttctaa	aacaactcgg	1080
gaggatgcag	gaaaatatcg	ctgtgcagct	aggaataaag	ttggctatat	tgagaaatta	1140
gtcatattag	aaattggcca	gaagccagtt	attcttacct	atgcaccagg	gacagtaaaa	1200
ggcatcagtg	gagaatctct	atcactgcac	tgtgtgtctg	atggaatccc	taagccaaat	1260
atcaaattga	ctatgccaag	tggttatgta	gtagacaggc	ctcaaattaa	tgggaaatac	1320
atattgcatg	acaatggcac	cttagtcatt	aaagaagcaa	cagcttatga	cagaggaaac	1380
tatatctgta	aggctcaaaa	tagtggttgg	catacactga	ttactgttcc	agtaatgatt	1440
gtagcctacc	ctccccgaat	tacaaatcgt	ccaccagga	gtattgtcac	caggacaggg	1500
gcagcctttc	agctccactg	tgtggccttg	ggagttccca	agccagaaat	cacgtgggag	1560
atgcctgacc	actcccttct	ctcaacggca	agtaaagaga	ggacacatgg	aagtgagcag	1620
cttcacttac	aaggtagcct	agtcattcag	aatccccaaa	cctccgattc	tgggatatac	1680
aaatgcacag	caaagaaccc	acttggtagt	gattatgcag	caacgtatat	tcaagtaatc	1740
tgacatgaaa	taataaagtc	aacaacatct	gggcagaatt	tatttttttg	aagaagttaa	1800
atcaaaggca	gccataggca	tgtaaataaa	tttgaataca	tttacagtat	taaaatttaca	1860
atgaacatgc	aaaataaaaag	gacttgtaaa	taaatgcatt	atgaactgat	gatactgatt	1920
tatttaaatgg	atctcaaaac	aaacttttaa	cttaaggcac	ttttattttg	ccaacaaata	1980
acaataaaca	aacattgaaa	cggttcacta	taaaataaca	aatgggcta	gtacctgaat	2040
ttttcagtaa	aaaaatgaac	ttctaatacc	agttgcctca	gtgtccacct	cctatccaat	2100
gttaccaagc	atggcactcc	agaaccagag	accaatggaa	aatattaaat	ctggcaatct	2160
ttatgatgta	aattttaccat	cctgatgtat	aaatattttg	tgggtttataa	atttttttgc	2220
taaaacctac	agaaaataag	cactgaactg	tcttatgatt	caccatttgt	tcacactgaa	2280
aatttttcatt	gatggggaat	acaaaaatgt	tttaataact	gcatttataaa	ataaatgcag	2340
gctcactttt	ccacatgtaa	aaagcaatgt	aatacctgca	catcataaaa	tgtgaaaagg	2400
gggttatttt	tgtccaaata	caccatttaa	aaaggtttta	aaaatacaat	gaaacttctt	2460
tataacttta	aaatctagct	caggcacccc	tggtttggag	ctgtttataa	ggaaattttt	2520
ctgagcagga	atcggtgctc	tataagcatt	tcatttcatt	aattctttat	gggatgggaa	2580
aatgcttggg	agggtctagg	tctattatat	ataatgaagt	ttcactgtat	ttaaaatctg	2640
atcaatccta	cacaaaatgt	gtttttgtaa	ttcactgaat	ttatattaca	tgcttaattc	2700
aacctgaatt	aattttgggga	atattaaatg	attgatctta	tctaaatcta	ggggtggggg	2760
tttccagtgt	aattttctcca	gcattctattc	aaacattcac	ctagtactta	cttacttaag	2820
aattatagga	gctttataaa	tgg				2843

<210> 4048

<211> 1420

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1421)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1420)...(1024)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4048

tgctcgtggaa	ttcgggattt	gatttaggct	tagctctacc	atagaccaag	gttttaactt	60
gaaccttact	gggtgctagc	ttcccatat	atttaattct	gtgatctcta	gagatccttt	120
aagttctaaa	ctagactttt	ctaagtagaa	gcttaaactt	aaaattcaat	aacattcaaa	180
aaagatatgt	aggtatactt	taattttcaa	aaatatgatt	gtaatgttta	ttggaatgct	240
cagaggatat	tttgtaaaaa	gcaaagatat	aaaaaaaaa	aaggaataac	tggattaagc	300
atcaagccta	attgggagct	gctgggtaag	gaggccatga	gagattgctc	tggagtagct	360
ttgtctttca	ggagaaggaa	gttatagaac	aatgattaat	tcttgaaatt	gatagaaaaa	420
tatatattaaa	tatgttttaa	aatgtgagta	gaattctcat	aatgctgggt	tggatatata	480
ttgatacatt	caattaaaaa	aactggtact	acctcctaaa	attgaaccta	tcataacttc	540
caaaggacag	agcagttttg	ctctcagata	tatcgccaca	gaaatgcata	cacttggtgtg	600
ctggcagata	agcacaagac	ttttcatagc	atccctattc	ataattgcc	aaaactggaa	660
acagcccacg	tatccatcag	cagtaaaatg	gatgaataaa	ttgagttatg	tttgctgtat	720
tgcagtgggt	tactgtgcaa	ctaagaataa	gtagttgtgt	gcaataacat	ggatagatct	780
accaaata	aagaagccag	acacaaaata	atatatacac	tatgatgata	gcagttacat	840
tttataaaat	acacatgcaa	aaacaggcaa	aactaattta	tgggtgttaga	gtatgagata	900
gtaggtactt	ctgggaagaa	aaaaaggagt	tgggagaata	tataaaaata	tgactaggta	960
aggccaggga	cggtggctca	cacctgtaat	accagcactt	tgggaagctg	agatgggtgg	1020
atcacctgag	gtcaggagtt	cgagactagc	ctgcccaca	tggtgaaacc	ccatgtctgc	1080
taaaaataca	aaaattagct	gggtgtagtg	gcacatgcct	gtaatcccag	ctatttgga	1140
gggtgaggga	ggagaatcgc	ttgaacgcgg	gaggcagaag	ttgcagtggg	ccgagattgc	1200
accattgcac	tccagcctgg	gcaacaagag	caaaactctg	tctcanaana	nanaaanaaa	1260
aaaaaaaaan	aaaagggggc	ccccttttaa	aaaaaaaaa	ttttacccc	ccgcgcgggc	1320
gagatttttt	ttttttttgg	ggccccaaaa	aataattttc	gggggggcgt	tttaaaaaag	1380
gggggggggg	aaaaaccggg	tggcaaccga	taattttgtt			1420

<210> 4049

<211> 669

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (595)...(316)

<223> similar to gi3021398 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4049

cttcctggca	cgaggagaaa	ccacatagct	cctgggagat	gcctcccaa	acccctgctc	60
ccagctcaca	cttcagaaag	cctccttcca	aaacctcttg	ttggacagca	cccctttctc	120
ttctcatgcc	atcatttagt	attccccgta	gcaatgactg	ccccctgacg	tggatgtcac	180
ttgtttgcta	tctcccctac	tagaacatca	gtcccgggga	gcagggatcc	tggcctgtct	240
agttcatgct	gtctaccag	cacatggcat	aggcccagca	cacagcatgt	ctgcagagt	300
ggccgaagcg	ccacccccac	tcaccatgag	gttggcattg	gcaatgtggt	gcttgaccac	360
gccccgccc	agaatgatca	tcccagtgca	cctggcaaag	atggcctgtg	tggtgatgag	420
cctcaggtcc	tcaacgatgt	ccaggaccag	gcccgggttc	ttgtagggaat	ggaagaagat	480
catgtcggcc	agcgagccgt	ctgtaagtgc	gggactaaac	acagggatgt	ggttctgcag	540
agaacatgac	aggacagtgg	ctggagctca	gagcctcgtc	tccatgctgg	ctatatgact	600
atctgactgc	ggatggcgtg	cctaactctc	ctaggacttg	ctcctcatta	gtagcatatc	660

```

<210> 4050
<211> 1338
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (80)...(248)
<223> similar to gi3002527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4050
atttttagta gagacggggt ttcaccgtgt tagccaggat ggtctcgatc tcttgacctc      60
gtgatccgcc ctccctcgcc tcccgagtag ctgggactac aggcgcccgc caccacgccc      120
ggctaatttt ttgtattttt agtagagacg ggggttcacc gtgttgcca ggatggtctc      180
gatctgctga cctcgtgatc cgccggcctc ggcctccgc agtgctgga tttcaggcgt      240
gagccgcgcc cgcccgccct cctaggtttt agtaggttg agagctgtgg gtctcgcacg      300
cttcaccagc caaatccta agtccctttt tatcgtttta accctaagag tcacaggctc      360
tgttacagat cagggggaca gacaagcaca gaacccccat ctcccagcac ccagcctccg      420
agtcagatgc ccccgccct ggtctctcac agctgtgctc actaggcaag cctggccggc      480
ccctccctgg tagcagtga gctgttgatt atgtttgtcg ttgttgcatc tcagttacac      540
aagtgttacc agaatgcagt ctccctttata caaacttaaa agtatgagtt taagcctagt      600
ctcttggtgc ctccaccccc gccattccca gaggggactg ctctctcctg gtggacacat      660
tctacaattt caccaacata gacgccgaca cgcgggcacc tacgtaaaca cacatgcat      720
gctcatgtaa acaaacatcc atgcacacac tgccaccag gtacacacac ccgagaatgt      780
gtgtgtccct gtacgtgaac ccgagtgtgc ccacgtacac gtacccaact gtcctcatgt      840
acacgtaccc gagtgtgctc acgtatacgt acccgagtgt gtcacgtac acgtaccga      900
gtgtgcccac gttcatgtat ccgtgtgtgt acgtaccga gtgtgtgtat gtgcctgtgt      960
gtacgtactt gagtttgtgc ccatgtacgt gtaccgagt gtgtgtacgt gcctgagtgt      1020
gtgtacgtgc ccaagcacag gcacattgtc cagatccaca taacactcct tctttgcagt      1080
tgcttcctcc acacacagag tgtcccccat ctctccaggg tacacactgc agtgtgggtg      1140
aacatcaaaa gccgtgcagt gagagaagcc aatcacagca ggtccgtgcc gcctgacagt      1200
gttcacatgg aagttcgga aagacggctc tgtagagaca gacagatttg tggtttccca      1260
aggttggggg tgacggttag gagtcaggat ttctttttgg ggggatgata atgttctgta      1320
atggatcgcg gtgacagg                                     1338

```

```

<210> 4051
<211> 709
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (59)...(528)

```

<223> similar to gi407082 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4051
gagcactctg aaggccacag ggtgtccaac agatgaagac agaggagggg ctggcaggcc      60
ccaggcttcc ctctgaacac atcccaaacc tcccactac tctgcagtca gcacccaaag      120
ccccagtcac cgccatctct caccagaca gcagcaacag cgtccagggg acccctccct      180
caccctaacc ccccatccta aatcacagtc caggcttcac gtagcagcca cagggggcct      240
ttaaaaacag agtcagagca catctctcac ctgatgagac ccgcatcag cttcccattg      300
ctcttgagtc gaagtcgaag ccactcatca cagccgagtg cctgggtggc ccccgccagc      360
cgccccctcat cacctgcacc agcctcttgc tgtctccctg acagcagtc cctccctgtc      420
ctaggggggtc ttacagccag caacttcttt ccaccccagg actcttgac tgcttccctc      480
cgctcggaag tctcttcccc agccctgcac atagccgcca ccttctcggt cctcactcag      540
ggctcaattc agatgtctct gcctcagggg gcctcctctg accattccca gtaggaccct      600
cctcatccct tggtccagc tgcttgcca gccctggcaa ctcttcgggc tcaaacgggt      660
ggcactgctt tacaatgcac tcaccatgct taaccctaag aaaggcccg      709

```

```

<210> 4052
<211> 1864
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (7)...(506)
<223> similar to gi4220590 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4052
cccacgcgtc cggaggagca gcaggagggg ggctttgcgt cccccacgtt tgtcaaggtc      60
tagtggaagc ggaagccggc aggaggtggc ccgagcaggg ccgggtcccc gcgccggaca      120
tccaagaaaa ccaaggtgga gccctacagt ctcacggggc agcagagcag cctcatcaga      180
gaggacaaga gcaacgccaa gctgtggaat gaggtcctgg cgtcactcaa ggaccggccg      240
gcgagcggca gcccgttcca gttgttcctg agtaaagtgg aggagacgtt ccagtgtatc      300
tgctgtcagg agctggtgtt ccggcccatc acgaccgtgt gccagcacia cgtgtgcaag      360
gactgcctgg acagatcctt tcgggcacag gtgttcagct gccctgctg ccgctacgac      420
ctgggccgca gctatgccat gcaggtgaac cagcctctgc agaccgtcct caaccagctc      480
ttccccggct acggcaatgg ccggtgatct ccaagcactt ctcgacaggc gttttgctga      540
aaacgtgtcg gagggctcgt tcacggcac tgattttgtt cttagtgggc ttaacttaaa      600
caggtagtgt ttcctccgtt ccctaaaaag gtttgtcttc cttttttttt tatttttatt      660
tttcaaatct atacattttc aggaatttat gtattctggc taaaagtggg acttctcagt      720
atttgtgtta gttctttgaa aacataaaag cctgcaattt ctcgacaaaa caacacaaga      780
ttttttaaaag atggaatcag aaactacgtg gtgtggaggg tggtgatgtt tctgggtgtca      840
agttctcaga agttgctgcc accaactcct taagaaggcg acaggatcag tccttctctc      900
gggttctggc cccaagggtc agagcaagca tcttcctgac agcattttgt catctaaagt      960
ccagtgcacat ggttccccgt ggtggcccggt ggcagcccggt ggcatggcgt ggctcagctg      1020
tctgttgaaag ttgttgcaag gaaaagagga aacatctcgg gcctagtcca aacctttgcc      1080

```

tcaaagccat	ccccaccag	actgcttagc	gtctgagatc	cgcggtgaaa	gtcctctgcc	1140
cacgagagca	gggagttggg	gccacgcaga	aatggcctca	aggggactct	gctccacgtg	1200
gggccaggcg	tgtgactgac	gctgtccgac	gaaggcggcc	acggacggac	gccagcacac	1260
gaagtcacgt	gcaagtgcct	ttgattcggt	ccttctttct	aaagacgaca	gtctttgttg	1320
ttagcactga	attattgaaa	atgtcaacca	gattctagaa	actgcggtca	tccagttctt	1380
cctgacaccg	gatgggtgct	tgggaaccgt	ttgagcctta	tagatcattt	acattcaatt	1440
tttttaactc	agcaagtgag	aacttacaag	aggggttttt	tttatttttt	ttttctctta	1500
atgaacacat	tttctaaatg	aatttttttt	tgtaggtact	gtatatgtac	caagaaagat	1560
ataacgttag	ggtttggttg	tttttggttt	tggatttttt	ttcttttgaa	aggggtttgg	1620
taatttttct	aattttacca	aagtttgcat	cctatacctc	aataaaacag	ggatatttta	1680
aatcacatac	ctgcagacaa	actggagcaa	tgttattttt	aaagggtttt	tttcacctcc	1740
ttattcttag	attattaatg	tattagggag	gaatgagaca	attttgtgta	ggcttttttt	1800
aaagtccagt	actttgtcca	gatttttagat	tctcagaata	aatgtttttc	ccagatagaa	1860
aaaa						1864

<210> 4053

<211> 1837

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1840)...(1578)

<223> similar to gill177607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4053

aatactttct	tttttttaat	ttataggaga	tatagaaaaa	aaatatcatt	tgggtgtgag	60
tccactttgc	gatcgtcaca	ctgaatctat	tgccaacatc	cagattggta	actatacata	120
tttagatata	gctgggttaga	aaaatgccac	tgttttttatc	aagaagggaa	atatatttga	180
aataaaaaat	attaaaatta	tgctcatttc	tattttttaaa	aataatttaa	gaaattttac	240
ccttgttttc	ccttggttatg	gctcttctaa	ttctcattta	atttttaggat	gtaaaaagta	300
tattttttgc	gaacaggcag	cagcaataac	ttgtttctgt	tcttatgtaa	ataagaatcc	360
attattcgct	catgtggaag	cttcttttgc	atcatttggg	actgccattt	aaaaaaggat	420
aggtaaacaa	agaaatgaca	aaaataaaaat	aaataaaata	aaaatggata	ggtggtgacc	480
cactgagcct	gatcataata	cgaagaccag	cttctgccac	tgccctttcca	gactcttacc	540
actgctgtt	gattaaatct	aactcttcaa	catcctagac	aggcccttat	aatcttgctt	600
caaatgctgt	gcagccatct	tgccccaact	tcctctcat	ttgcctacag	catctcgga	660
cgcttctgtg	tttcccaagt	atacgctgtt	ctttcgctct	ttgtgcctcg	ccagtgcctt	720
ccatgtgcct	cgtagagtta	tttttcttga	agaggcagct	caaatgtcac	cttctccaga	780
agctgctctc	cacttgcttt	aggcagagtc	agtcactttt	cttctagatt	ccaaagtgcc	840
tgatccactt	ggttggtgat	tcctggagcc	tagcaccaca	ccagaagcac	gaggcccttg	900
agaactgtgt	tgagtgaact	aataactgta	ttatagaaag	cataatgaaa	atgtcctgtg	960
actgaagtat	gtgtagcttg	ttgcaggagt	tcacaggaaa	gttgactagg	attgagtgtg	1020
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gggaggagtg	taattttggt	agctggtgtt	gaatagggcc	tttgagaatc	agactgaaca	1140
cagtgaata	tgtgccccaa	gttcagaaaag	atgaagtttc	cagaaactaa	gaaggtagca	1200
caatatgtgg	catcatactc	agaaaggaag	accatgccat	ggggccagaa	attcagaaac	1260
gtaattctta	cattgtgatt	gcaatggata	ctcatggaag	aaagtgggtc	gtggccgatt	1320
tgacttcaga	gtgacaggta	gagaagggaa	gagcgtgtag	aactgtggcc	agacttttag	1380

agtgtgaggg	atgctgaatc	tcccagagag	ctcacactgg	ccaggaatgc	tgagagtagc	1440
agatgctttt	cttttgggag	gatagtaaaa	caatttagaa	ccagatatgc	tttgtcttga	1500
ttctcaagta	gaataatctt	caaatgcaaa	agaatacatt	agaaatggac	aaaagtggcc	1560
aggagcggta	gctcatactt	gtaaccacgc	actttgggaa	gccgaggcgg	gctgatcgct	1620
tgaggtcagg	agttcgagac	cagcctggcc	aaaatagtta	aactcacggt	tctactaaaa	1680
atacaaaaat	tagctgggtg	tgatggccac	ttgggaggct	gagataggag	aatcgcttga	1740
acctgggagg	cagaggttgc	agtgagccaa	tatcgtgcca	ctgcattcca	gcctgggtga	1800
cagaatgaaa	ctccatcact	ccatctcaaa	aaaaaaa			1837

<210> 4054

<211> 608

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (19)...(258)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4054

cccacgcgta	cgcccacgcg	ttcgctcggc	tcaactgcagc	ctccacctcc	tgggttcaag	60
caattctcct	gcctcagcct	tcgactagc	taggattaca	ggcgctgcc	actacgcca	120
gcaaattttt	tgtattttta	gtacagacgg	ggtttcgcca	tggtgaccag	gctggtctca	180
aactcctgac	ctcatgattt	gcctgccttg	gtctcccaaa	gtgctgggat	tacaggcgtg	240
agccaccacg	cccggccata	atctgttcaa	gtttcttagt	tgtagttgcc	tccatttctt	300
tataaaatga	agccattcaa	cattttaagt	ataaggttta	atgcaatgag	atagggcaag	360
ttcttaggtt	aaaagttaat	gttcaaatat	aacatctatt	ttttctttcc	tgcagcaaac	420
caagaggaag	ctagatgatg	ccagcaaacg	tttgagttt	ctgtatgata	aacttaggga	480
acagacagta	agttttggag	gaaaaggatt	tatgataatc	atttatctct	agttgctagt	540
aaaacagttg	tcttatcagc	actcccattt	agtatgcatt	ggggcaaaat	tgtcatgaca	600
tttagagg						608

<210> 4055

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (240)...(842)

<223> similar to gi3878402 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4055

tgggtaagaa	ggcctggctg	ttgatgggca	atgctattcc	tgagggtcca	actgcctatg	60
tgctaacttg	ggagcaaggt	cgttatttaa	tatggaatcc	ctgcagtgga	catttttatg	120
gacaatttga	tacattctgt	cccttgaaaa	atgtgggctg	tttaataggt	cctgacaata	180
tttggtttaa	tattcaacga	tatgaatctc	cactaaggat	aaattttgat	gtcaccaggc	240
ccaagctatg	gaaatctttc	ttttcaagaa	gccttccata	tccctggcctt	tccagtgttc	300
agcctgaaga	gctaattttac	cagcgctcag	acaaagcagc	tgcagctgag	ctacaagaca	360
ggattgaaaa	aataactaaaa	gaaaaaatca	tggactggag	gccacgccat	ctgactcggg	420
ggaataggta	ttgtacctct	actctgcgtc	acttcttgcc	tctgttagaa	aaaagtccaa	480
gggagaagat	gtagaagatg	accacagagc	agaactgcta	aaacagctgg	gagactacag	540
ggttctctgg	atttctctct	cacatgcctt	attctgaagt	gaagccttta	attgacgctg	600
tgtatagtac	tggagtacat	aatattgatg	ttcctaattg	tgaatttgct	ttagctgtat	660
acatacaccc	ataccccaaa	aatgttttgt	ctgtttggat	ctatgttgcc	tctcttatac	720
gcaacaggta	atTTTTTTTca	ctgtactttc	tctatcatgt	aaaaactaca	cttaggatat	780
gagaaaattt	taaattatat	gcatacacatc	agaagaacat	attattggca	aataataaaa	840
ttatcaactg	ttttcaaa					858

<210> 4056

<211> 3680

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1029)...(1247)

<223> similar to gi4959382 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4056

attgacctgc	tgcggcagta	gaacgagctg	aagtcacccc	acagccctat	ttcctttcttt	60
cctgttcttc	accccgatca	cgcttgattt	attgatgggtg	gttccaccag	gcctaatacgc	120
cacacaccag	caaaggcagg	ctatgctata	gtacaagcca	ctagcctgcc	tctcagaacc	180
tctcattttcc	tttccatcgt	ggaaatctat	cctcaaggaa	ataatttctc	agtgttccat	240
ctgctgtttct	actattcctc	agggattatt	caggcccccct	cccttcctta	cacatcaagc	300
tgcaggattt	gccccacccc	aggactggca	aattagcttt	attcaacatg	tcccaagtca	360
ggaaactaaa	atacctctta	gtctaggtag	gtactttcac	tggataggta	gaggcctttc	420
ctgcagggtc	tgagaaggcc	accgcagtca	tttcttccat	tctgtcagac	ataattcctc	480
agtttagcct	tcccacctca	atacagtctg	ataacagggtg	agcctttatt	agtcaaataca	540
gccaagcagt	ttttcaggct	cttagtattc	tgtgaaacct	ttatatccct	taaggctcctc	600
catcttcaag	aaaagtagaa	tggactaaag	gtctttttaa	aatacacctc	accaagctca	660
gccaccaact	taaaaaggac	tggacaatac	ttttaccact	ttcccttctc	agaattcagg	720
cctgtcctcg	gaatgctaca	gggtacagcc	catttaagct	cctgtataga	tgtctcctttt	780
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atctcctggg	gctatcccca	aactgccact	cttaactctt	gaagtaaata	aataatcttt	1020
cctggcagga	ctatggtgaa	tctccttaag	cactctctaa	tcagacatcc	tgagtcgtcc	1080
caattcttag	accttttata	cctgtttttc	tccttctgtt	attccattta	gtttttcaat	1140
tcatacaaaa	ccgtatccag	gccatcacca	atcattctat	atgacaaaatg	tttcttctaa	1200

caaccccaca	atatcacccc	ttaccacaag	acctcccttc	agcttaatct	ctcccgtctt	1260
aggttccccc	gccgccccta	atcccgttg	aagcagccct	gagaaacatc	gcccattctc	1320
tctccatacc	accccccaaa	aatttcaccg	ccccaacact	tcaacactat	ttgtttttat	1380
ttttcttatt	aatattaagg	aaggcaggaa	tgtcaggcct	ctgagcccaa	agccaagcca	1440
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cttaactgat	gacattcccc	cacaaaagaa	gtgaaaatgg	cgggtccttg	ccttaagtga	1620
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gagcacctta	tgacccccac	tctgccccac	tgagcacctt	gtgaccccca	ctcctaccgg	1740
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caccgcgatg	gcctgaagta	actgaagaat	cacaaaagtg	aaaaggccct	gccccgcatt	2520
aactgatgac	attccaccat	tgtgatttgt	tctgccccca	ccttaactga	gtgattaacc	2580
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cgaatttctt	tctcctggct	cagaagctcc	cccactgagc	accttgtgac	ccccgcccct	2700
gcccaccaga	gagcaacccc	ctttgactac	gcccataaaa	tttgggtgcag	tgactgggat	2760
cgggggacct	cccttgggag	atcaatcccc	tgtcctcctg	ctctttgctc	cgtgaaaaag	2820
atctacctac	gacctcaggt	cctcagaccc	accagcccaa	ggaacatctc	accaatttta	2880
aatcagaagg	caggaatgtc	aggcctctgt	gcccagcca	agccatcgca	tcccctgtga	2940
cttgacgta	tacgcccaga	tggcctgaag	taactgaaga	atcagaaaag	aagtgaat	3000
gccctgccct	gccttaactg	aatgacattc	caccacaaaa	gaagtgaaga	tgggcccggc	3060
cttgccctaa	gtgatgacat	taccttgtgg	aaagtccctt	tctggtctca	tctggtctcg	3120
aaaacaccgc	cactgagcac	cttgcgaccc	ccactcctgc	ccgccagaga	acaactcccc	3180
ctttaactgt	aattttcctt	tacctaccga	aatcctataa	aacggcccca	cccctatctc	3240
cctttgctga	ctctcttttc	ggactcagcc	cgcctgcacc	caggtgatta	aaagctttat	3300
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ccaatttcaa	atccggtgca	gtaccagggt	gaactgccag	gacttcaaag	cccacaacca	3540
aaagccagaa	aacactacca	agtacaagcc	cgggacactg	gacccagagc	acaccctggg	3600
catctgtctt	gagatcctct	ccctggacag	agacagctgc	tccttcagaa	acagaggaga	3660
ccctgaacac	aggcaggcct					3680

<210> 4057

<211> 1968

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1971)...(1677)

<223> similar to gil872200 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 4057
ccttgcttgc aggaagccat gcagttagtt tctgcagtta gtcgtgtgag gctaggtggt      60
tgggcaggcc tcgggctgta ggtgttgggt gggaaaaaga cccaagggcc tgaaagggag      120
ggaaagggga gggtagcggg agggtagcag gtgagttcct agggctggaa ggtttaacag      180
cagcctggtg cagtgccctg tcatcaagac aaaccacgg tcctcctggg tgcctaccaa      240
gcttggtttg tacaaaagca aggtgggagt ctatttttgt acatgagata catcacactt      300
acctgtgggc cagtattgtg aagtgagtct gagttgttta cactgatgcc ttccctgccc      360
accacaaatt gtgtacatag tcttcagatg ataccacccc ttccccagc tcccaaccaa      420
gagctggttc taggcctgtg ttatatgtca tatttagcgt ttttatatat gacctttgat      480
ttctgttgtt tgtattttag cacagtgtat gcaccttcat ttaaatacat ctgtgtgcat      540
acagatacgc atatatgtgt gtgctatgc atatatctct catctgtagt ttccaagagt      600
tcagctgaag cagatggagt cctgcagccc aggagacacc ctgcatccct gctaatagtg      660
tttgccacaa gtattagtga gtcttcttta ttaattttt catttcagaa gactgaagca      720
aagctgcatag tgtttgctgt ttctttggca gctaagttag ggtcttggga tgacttgctg      780
tgttcctcaa gctgcacttt ggggccatct ctgcagtatt agcccccttt ttgcttggtg      840
gtactctgtc tgtgcctgtg tgtgtgtgtg atagtcactc ttgcatggct tccatgtctg      900
gtttgtggca tttggggata aggtgctgaa gccagagcat ttgcagtttg tttgaggcct      960
cgttgccaat gatagatcac tcctgttgac ctggtatgtc tgcttgcttg ctgcttttcc     1020
ttgctttctc ttggaagagg aaaggactct ggtcaggccc aggtgagtg agatgagctg     1080
cagctggctc atggccttct tagagcagag agaggagtat gtcattttac taagttccta     1140
aacaaacatt tatgcaggca acactccttg cagatccaga aactgaggca caatagggtt     1200
atgacttgct caagaatatg tagctgctag ggggtaaatac aaggcatcac aatttctgtt     1260
cagcgggcag gaataggctg tgaattgcta gcactttttt tttttaagca attacttttt     1320
gacttgttcc tctgaaaggg caagaggcgt acacttttcc caaatgtaa ctaaaatctg     1380
caggatgccca cccactgtat agttctgctt tcccagagag gaagaacttt tagaaaccaa     1440
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tgattgttaa gagagagtgc ttggaaccat ggggtaacag gaaaggctac ctaacttcac     1560
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agttcctgtg tgtccaaaac tgaggcacca tgttctttga aaacatgccca cctcaaggct     1680
gggcgcggtg gctcacacct gtaatcccag cactttggga ggccgaggcg ggccggtcac     1740
cggaggtcgg gagtttgaga ccagcctgac caacatggag aaaccccatc tctactaaaa     1800
atacaaaatt agccgggcgt ggtggcatgc gcctataatc tcagctactt gggaggctga     1860
ggcaggagaa ttgcttgaaac ccaggaggcg gaggttcggg tgagttgaga tcgtgccatt     1920
gcactccggc ctgggcaaca acagcaaac tccgtctcaa aaaaaaaaaa     1968

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<210> 4058

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(125)

<223> similar to gi339675 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 4058
attatgagat ggttccctc atcagccaag cctgcgttct tctcctggct catttaaac      60
gctatgcgga atctggggac gcatttgaca tccagaggta aggctgctgc attacagatg    120
agaaatcgag tttttgaatc actgcttctt gtaactgtcc ataattgctg acaattacct    180
tgggactagc aaactgtgga aacgctagaa gctcataaaa gcatggatgg actgattaat    240
aaaaagaaaa gaaaccctact taacatggga aagagatgtg agcagagcca gggtagctgc    300
gtcctgtcga acctgtggat ggatccaccc tctgacctcc acagaccagc gaatgggcag    360
gacaggcctg cgcctaagga cagggatggg gggaaagtcc aagccttttc actttaagaa    420
aaattgtggg g                                     431

```

```

<210> 4059
<211> 1050
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (943)...(652)
<223> similar to gi4914584 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 4059
cttccttcct tccatccttc cttcctttct ttctttcttt ctgtttcgct cttttgagac      60
agagttttcac tcttgtttcc acggctagag tgcaatggcg cggctcttggc tcaccgcacc    120
atccggcacc cgggggcgaa agagcatcac gagacaagac ccgcacagag gggaagacag    180
ggaggcacc ccacgcctgg cttggctgat gtttggtgtt ttagtaggca cgccgtgtct    240
ctccatgttg ctccaggctgg tctccaactc ccgacctcct gtgatgcgcc cacctcggcc    300
tctcgaagtg ctgggatgac gggcgtgagc caccgtgccc ggccgtgtga ctcatctcgc    360
ttttttatct ctttcgtttc caccggttta cttatatgta ttaatgtaa cgtttctgta    420
cgcttatatg caaacaacga caacgtgtat ctctgcattg aatactcttg cgtatggtaa    480
atacgtatcg gttgtatgga aatagacttc tgtatgatag atgtagggtg ctgtgttata    540
caaataaata cacatcgctc tataaagaag ggatcgtcga taaagacgtt tattttacgt    600
atgaaaagcg tcgtatttat gtgtgtaaat gaacgagcgt acgtagtatt ctctgttttc    660
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atctctcttt cgttccctgt gtttccctct tttttctttc ctctctgttt cttttccct    840
tctttccttc gtttctttcc tcattctttc tctctttttc gtgtttcttt ccttcccgct    900
tgtcttttaa aaaatggagt gtttcagaag tttactttgt gtatctacgt tttctaaatt    960
gtctctcttt tctccattgt ctctctcctt ccttccctcc ctactctcc tgcctcccg    1020
cgaccgggga attccggcca gtagcctatc                                     1050

```

```

<210> 4060
<211> 1286
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (175)...(723)
 <223> similar to gi4583449 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4060

tttcgtgagc	tttgtgagag	aaacaaggct	ggcttcaagt	gatctgcaac	cagagtaatt	60
gggatttgac	aaggactgtg	aaaggctgac	tctccctgtt	ctctttcatg	ctggcaccgg	120
gcagagtgtg	ggaactactg	cctcaatacg	atcatagaag	ccattgagat	cccgagttt	180
atcggccgca	gttacctgac	gtatgacaac	ccagatatct	tgaagagggg	gtcaggatca	240
agatcaaattg	tgttcatgag	gtttaaaaca	actgccaaag	atggcctttt	gctgtggagg	300
ggagacagcc	ccatgagacc	caacagcgac	ttcatttcct	tgggccttcg	ggatggagcc	360
ctcgtgttca	gctataacct	gggcagtggg	gtggcatcca	tcatggtgaa	tggctccttc	420
aacgatggtc	ggtggcaccg	agttaaggcc	gttagggatg	gccagtcagg	aaagataacc	480
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tacacactga	tgagaaactg	agaaccaaga	caggcatccc	tgggtggcct	ttctgtctga	900
cactccacga	gctgaccag	cagaattctc	tgtgtaggaa	gcacgggact	ttgtccattg	960
aatatgtagc	ggctgccaga	gatcacacat	caatgcaa	tccagagcct	gtctgtctata	1020
gctcagtgac	tgtgttgtga	ttcatagtac	attaaaaaga	gagagagaga	gaaagaatcc	1080
cacagggcac	tattaaaata	cttctctcct	tccttgactc	atgacactct	tcctgacagc	1140
agaatgactg	tgtgaccttg	aacttcacat	ttccacatt	ggcccttgga	ttgttcggat	1200
taacccttc	cactctcac	tggctgggtc	actgtgttct	gactagtcca	taaaaataaa	1260
gatggaagga	gatcaaacac	agaaaa				1286

<210> 4061
 <211> 2112
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (13)...(1432)
 <223> similar to gi3413884 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4061

tttcgtggag	aggcggaag	gatggcgctg	tgacagccgg	gccggagccc	tgcggtcccc	60
accccgcgcc	ctggcgctg	ggccggcgga	gatggagtcc	acagcctacc	ctctcaattt	120
gagcctgaaa	gaagaggaag	aggaagaaga	gattcagagc	cgggaactag	aggacggccc	180
ggcagacatg	cagaaagtac	gaatctgctc	tgagggcgga	tggaaaatga	agaatctgac	240
gtaaagcctc	cagactggcc	aaacccaatg	aatgctacct	cccagtctcc	tcagcctcag	300

cacttttgaca	gcttttggcct	ccgtctgcct	cgggatatca	cagagctgcc	cgagtggagt	360
gaggggtacc	ccttctacat	ggccatgggc	ttcccagggt	atgacctctc	ggctgatgac	420
atagctggga	agtttcagtt	cagccggggc	atgcgccgca	cttacgacgc	agggttcaag	480
ctgatggtag	tggaatatgc	tgagagtacc	aacaactgcc	aggctgcca	gcagtttga	540
gtattgaaa	aaaacgttcg	agactggcgc	aaagtgaagc	cacagcttca	aaacgcccac	600
gccatgcggc	gggcattccg	aggccccaag	aatgggaggt	ttgctctggt	ggaccagcgt	660
gtggccgaat	atgtcagata	catgcaggcc	aaaggggacc	ccatcacccg	ggaggcgatg	720
cagctgaaag	ctctcgaaat	cgcccaggaa	atgaacattc	cagagaaagg	gttcaaggca	780
agcttgggtt	ggtgtcgaag	aatgatgaga	aggatgacc	tgtctctgag	gcataaagtg	840
cccgtgcccc	agcacctgcc	ggaagacctg	actgagaaac	tcgtcactta	ccagcgcagt	900
gtcctggctc	tgcgcagggc	gcatgactat	gaggtagctc	agatggggaa	tgcagatgag	960
acgcccattt	gttttagaggt	gccatcacgg	gtaactgttg	ataaccaggg	cgaaaagcct	1020
gtcttggtca	agacaccagg	cagggaaaaa	ctgaaaatca	cagcactgct	tgggtgtctt	1080
gctgatggga	ggaagttacc	accgtacatc	attttgaggg	gaacatatat	ccccccgggg	1140
aagtttccca	gtgggatgga	aattcgctgc	caccgggatg	ggtggatgac	tgaagacttg	1200
atgcaggact	ggttggaagt	ggtgtggaga	cggaggacag	gagcagtgcc	caagcagcga	1260
gggatgctga	tcttgaatgg	cttcgggggc	catgccacag	attccgtgaa	gaactccatg	1320
gaaagcatga	acactgacat	ggtgatcatc	ccaggggggc	tgacctcaca	gcttcagggtg	1380
ctggatgtcg	tggtctacaa	gccactgaat	gacagtgtgc	ggggccagta	ctccaactgg	1440
cttctggctg	ggaacctggc	gctgagccca	accgggaatg	ctaagaagcc	acccctgggc	1500
ctctttctgg	agtgggtcat	ggtcgcgtgg	aatagcatct	caagtgagtc	catcgtccaa	1560
gggttcaaga	agtgccatat	ctccagcaac	ttggaggagg	aagacgatgt	cctgtgggaa	1620
atcgagagtg	agttgccagg	aggaggagaa	ccacaaaag	attgtgacac	cgaaagcatg	1680
gctgagagca	actgaaggga	aagggaagc	aaatgggaact	ctgatttaaa	cagctgggga	1740
tgaaattcct	caagatgatt	attcctgaaa	gtgtggatgc	gctggatgcg	cagggaacat	1800
caggaaaagg	ccacggggct	ctgaacagcc	ccggtccaga	cagcagcctg	tacatccatc	1860
ccaggacaca	gcccagcccc	tccccacacc	atacaaggta	tcagaaaagt	ctaggacctta	1920
tcatttcatc	agagacatga	tcagaaaaga	aactgcttct	gccccatttc	ttgttttga	1980
gattactcca	tctgtccatc	aaaagaaacc	tgtaaatatg	aaagaacaaa	ggttatttcg	2040
tggagaaaaa	aaaatttatt	caacaccaac	aagggacatg	tattgcggcc	ggtctggagg	2100
atccacacga	tc					2112

<210> 4062

<211> 2006

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2007)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3)...(752)

<223> similar to gi3879218 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4062

tgataattga aaaactggca gaagggttg acattcaact caaatctcca gtgcagtgtg 60

ttgattatnc	tggagatgaa	gtgcagggtta	ccactacaga	tggcacaggg	tattctgcac	120
aaaaggtatt	agtcactgta	ccactggctt	tactacagaa	aggtgccatt	cagtttaatc	180
caccgttgtc	agagaagaag	atgaaggcta	tcaacagctt	aggcgagggc	atcattgaaa	240
agattgcctt	gcaattttccg	tatagatttt	gggacagtaa	agtacaaggg	gctgactttt	300
ttggtcacgt	tcctcccagt	gccagcaagc	gagggtcttt	tgccgtgttc	tatgacatgg	360
atccccagaa	gaagcacagc	gtgctgatgt	ctgtgattgc	cggggaggct	gtcgcacccg	420
tgaggacctt	ggacgacaaa	cagggtgctgc	agcagtgcac	ggccacgctc	cgggggctgt	480
tcaaggagca	ggaggtccca	gatcccacaa	agtattttgt	cactcgggtg	agcacagacc	540
catggatcca	gatggcatat	agttttgtga	agacagggtg	aagtggggag	gcctacgata	600
tcattgctga	agacattcaa	ggaaccgtct	ttttcgctgg	tgaggcaaca	aacaggcatt	660
ttccacaaac	tgttacaggg	gcatatttga	gtggcgcttc	agaagcaagc	aagattgcag	720
cattttaaga	attcgggtgga	cccagctttc	ttctgtaccc	cagatgggga	aatttgaatc	780
acatgttaaa	cctcagtttt	ataagagggg	gaaaaaaccc	tctctacata	gtaaaactga	840
aatgtttcta	aggcgatatg	ataatgcaaa	cctattttcat	cactctaaaa	gcactgacct	900
caaaaaacct	tataagcact	tagattttaa	tgcattttcc	ataggttcaa	ctactgctga	960
aagtctggat	ttcagaataa	agcagaatgt	aagtttcagt	tgaggccatg	gatttgattg	1020
ttccatggct	ggaagttccc	tttagatttc	acattttata	tggtgatca	attttcatac	1080
attgagaaac	caagtcaatc	aagcaggaat	catttaaaaa	ccagataaag	ccatgttttt	1140
cttctgtgac	aatttatcag	tatctttacc	aatgagcctt	aatttttata	taggtccaat	1200
attgagcttt	tacttaaaat	ttagatagaa	cttttttttt	ggatacagca	caaactccag	1260
tttgacagta	aaatgaagct	ttctaggtat	tttgtattgt	acatatttcc	tcctactggg	1320
tgttcaaaag	aaattttaa	tcaagtacct	tttgtgataa	aatgttttag	aatttgtgca	1380
cccattggca	aaacaggaaa	gtttccagat	aggtattgta	tcattgagga	atgcagcaca	1440
gatagtgtgg	gcttcacact	atagacacag	aatatagctt	tttcttaaaa	gccaaatttg	1500
ggtgatagga	cacttttaaa	tatccttaat	tttggaacc	actaagcaaa	aaaaacttgt	1560
cagaataatt	taaccaagcc	cctctccact	tcttttattt	aaaagcactg	attcaattgc	1620
tagggaatat	ttttgccaga	tttttcttta	cagtattccc	ttagggcagg	tcactggga	1680
aaacttgtag	aaaaatgtga	gctctcctgg	taaatagtat	acattttata	agctatatatt	1740
taaaggccta	agaacatggc	aagtattttac	ttttatcttt	tttttaaaaa	cactcatgac	1800
cagaaaccag	tttaataata	tctcattcta	aaataaaaca	ctggttgtag	ggtcttcagg	1860
atgcctatatt	tgccaagaaa	cttcagtata	cagggttagaa	atatgctttt	gtttttgacc	1920
aataatatac	tggtttgctt	taaagaaggg	actaaatatg	actttaaaga	gacttcaaaa	1980
tattgagtat	tttaaaaatt	taaaag				2006

<210> 4063

<211> 1057

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1058)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1)...(233)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4063
tttttttttt ttgagacgga gtctcactct gtcacccagg ctggactgca atgacgcgat      60
cttggttcac tgcaacctcc gcatccgggg ttcaagccat tctcctgcct aagcctccca    120
agtaactggg attacaggca tgtgtcacca tgcccagcta atttttttgt attttttagta    180
gagatggggg tttcaccata ttggccagtc tgggtctcgaa ctcttgacct tgtgatccac    240
tcgcctcagc ctctcgaaagt gctgagatta cacacgtgag caactgtgca aggcctgggtg    300
tttcttgata catgtaattc taccaaggtc ttcttaatat gttcttttaa atgattgaat    360
tatatgttca gattattgga gactaattct aatgtggacc ttagaataca gttttgagta    420
gagttgatca aaatcaatta aaatagtctc tttaaaagga aagaaaacat ctttaagggg    480
aggaaccaga gtgctgaagg aatggaagtc catctgcgtg tgtgcaggga gactgggtag    540
gaaagaggaa gcaaatagaa gagagaggtt gaaaaacaaa atgggttact tgattggtga    600
ttaggtggtg gtagagaagc aagtaaaaag gctaaatgga agggcaagtt tccatcatct    660
atagaaagct atataagaca agaactcccc ccttttttcc caaaggcatt ataaaaagaa    720
tgaagcctcc ttagaaaaaa aattatacct caatgtcccc aacaagattg cttataaat    780
tgtgtttcct ccaagctatt caattctttt aactgttgta gaagacaaaa tgtggacgga    840
tatatttagt tgtaaaccaa gtgatgaaac tgcattattgt aaaggccatt tttaaaatac    900
gttgatatat tgggtatgca cagtaaaaat ggaaactata ttgacctaaa aaaaaaaaaa    960
ggaaaccacc cttaggcagg caggacatgc tcttcagaac tctgctcttc agagttccaa   1020
agaagggata aaacatcttt tatnnccatc aaatagc                               1057

```

<210> 4064

<211> 999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (733)...(866)

<223> similar to gill177607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4064
aggatcgctt taggtgccgc gaccacgcg tccgcctgtt cgcagctgcg gcacttcaag      60
gttactgact ttttatgatg tttggtggct atgagactat agaagcatal gaagatgate    120
tttatcgaga tgagtcactc agtgaactga gtgttgatag tgaggtggaa tttcaactct    180
atagccaaat tcattatgcc caagatcttg atgatgtcat cagggaggaa gagcatgaag    240
aaaagaactc tgggaattcg gaatcttcga gtagtaaacc aaatcagaag aagctaatacg    300
tcctttcaga tagtgaggtc atccagctgt cagatgggtc agaggtcatc actttgtctg    360
atgaagacag tatttataga tgtaaaggaa agaatgtag agttcaagca caagaaaatg    420
cccatggtct ttcttcttct cttcaatcta atgagctggg tgataagaaa tgcaagagtg    480
atattgagaa gcctaaatct gaagagagat caggtgtaat cagagaggtc atgattatag    540
aggtcagttc aagtgaagag gaagagagca ccatttcaga aggtgataat gtggaaagct    600
ggatgctact gggatgtgaa gtagatgata aagatgatga tctcttctc aaccttggtg    660
gatgtgaaaa ctctgttact gaaggctgcc agacacccta cttgaaggat cctgttgtaa    720
cctgtggaaa taatacttac aagaacgttg cagctaagct ggtccgggtg cagtgggtgt    780
acaactaatg gatcacaacc agtcacggat ttctttgttc catctccatt cccacttctt    840
cacttgacta gccttaaaaa ggctcatgcc tgtaatccca gcactaaggg aggctcagac    900
agaaggatca tttgagccca ggagtttgag atcagcccag gcaacatagc gagacttcat    960
ctctactaaa aataaaaataa aaaaattagc caggaaaaa                               999

```

<210> 4065
 <211> 934
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (74)...(339)
 <223> similar to gill177607 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4065

tttcgtctag	ccttagcgag	gccatggggg	aaaaagtcta	actggcgga	ctcctgggaa	60
ctggggcgat	gggctcttag	tatcgaggga	ttggagccat	ctgattttta	cctgaaattc	120
cttagtctct	cctgtgttgg	ggaaatgggc	accttgccct	cagggacctg	ggctttcagc	180
tgtccatacc	tggccctggg	tgatggcggc	atgctgggca	gtgcacgtga	agacgcacat	240
gagaccggga	cttgctgtgt	tgcccagggt	ggctctgaac	tcttggctct	aagcaatcat	300
actgctttgg	ccacccaaag	cactgggatt	acaggcggtga	accaccacac	ccagctctta	360
aaaccacagt	atttctaggt	cagtataaca	cacctgcccc	agggacttac	aggtgtggca	420
gaagcttgga	cttctggctt	ttctctctct	tgcaccagg	cacgctgcag	ctaccatttc	480
ctcccttcac	tacgttttag	attctttcct	tttcattcct	gtcattacca	tgctaacgta	540
catctctatc	caccttgctg	ttgggcagg	atgagcggt	tgctggctgt	tcttccttgc	600
cttttggctc	gtttctactt	agctgactcc	tcaattgggt	agaaacattc	ttcatcaata	660
ctatactgtt	ataggtgtgc	ccttggtgatt	tcaaactcta	gtaccagata	ctgttctctg	720
gttggttctt	atgggcatca	cttgtttttc	tggctaaata	ctagatctaa	ggtaggaata	780
tggcttttgt	tttactaagc	agtggttcaa	gccctactgt	gagcgactg	ctagactggc	840
agatctctga	gaatttcaga	ggatttcctat	ataatgttaa	gtgactaaac	ttaataaact	900
taattaaaat	caacatctca	agatattgaa	aaaa			934

<210> 4066
 <211> 422
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(117)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4066

tttttttttt	ttgaggcaga	gtctcactct	gtcaccagg	ctggagtgtg	gtggcgcaac	60
ctcagcctct	ccaagtgtct	ggattacagg	catgagccac	cactcccagc	caatagtga	120

ttttctaaga	gcatgtatcc	ctatcagtaa	gtaacagggg	tacatgaaga	tacttataaa	180
atacagaaaa	actgcccagc	aaatcagggc	cctaaacagt	tggtagattc	cataaattca	240
actggctacc	atgtatagcc	ctcactgtaa	ggtaggtggt	taggtttcta	gagagcatta	300
gtcttagaat	tatgaagagc	catattaacc	caaatgattt	ctaaatttag	atatatatatt	360
tccctgctac	ataaaaactc	tgggtaataa	ctagaaatag	accacaatt	tagagacaat	420
gt						422

<210> 4067
 <211> 1319
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (22)...(693)
 <223> similar to gi5689527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4067						
aggcagcacg	cggaggagcg	cggccgcgcg	aaccccaaga	cggggttgac	cctggagcgt	60
gtgggcccctg	aaagcagccc	ttacctcctg	cggcgccacc	agcgccaggg	ccaggagggc	120
gagcactacc	acagctgcgt	gcagctggcc	ccgacgcgag	gcctggagga	gtctgccacg	180
gccccctgag	cttgccgggtg	gccctcgggt	gggcgggggtg	gcgcgcgggc	cactgaagca	240
ccgcgcagtg	agtggaaagt	gaaggtgcgc	agcgacggaa	cccgtacgt	ggccaagcgg	300
cccgtgcgag	atcggtgct	gaaagcccgt	gccctgaaga	tccgggagga	gcgcagcggg	360
atgacgaccg	acgacgacgc	ggtgagcgag	atgaagatgg	gccgtactg	gagcaaggag	420
gagcggaagc	agcacctgat	ccgggcccgt	gagcagcgga	agcggcgcga	gttcatgatg	480
cagagccggc	tggagtgcct	gcgggagcag	cagaatggcg	acagcaagcc	cgagctcaac	540
atcattgccc	tgagccaccg	caaaaccatg	aagaagcgga	acaagaagat	cctggacaac	600
tggatcacca	tccaggagat	gctggcccac	ggcgcgcgct	ccgccgatgg	caagcgggtc	660
tacaaccctc	ttctctcagt	caccaccgtg	tgagctgccc	gggcgggtac	acggcccagg	720
cccagggaac	cccctggggc	ccggccctc	actctcctat	agagattgtg	tgtgtgtgtg	780
tgtgcgcgcg	cgcgtgctcg	ctgtgcgcac	gcacacatct	cgtctgggtg	tgcgcacagg	840
gctttgttag	cagagagaag	ccctgagga	gaagggacgc	ttttcttctt	tctgcccagg	900
taaagtgacc	atgccagtgg	ccagcactgg	gggcacacct	gtgatgggca	ccccttcagc	960
tgtgcgtgtg	cattccccat	cccccatgct	cttgctgtgtg	cttgcacgtg	cacgcacaca	1020
cacacccagt	gctctctcca	cccgaccctg	gtacttgacg	acaggggaagc	tgagctgaaa	1080
ggagcacaag	agagtgtccg	gcttcgctgc	tgagcgcggc	ctctccccgc	cgctgcgcac	1140
tgagttatt	tgtagacaaa	ggcacccctg	atTTTTgtgg	TTTTTctccc	TTTctgtgct	1200
tgccaatagt	tgTTTTgttt	tgtggacctg	ccctgggggc	tggcagctcc	ttcaggcagc	1260
ctggcagaag	tggaaactccc	ctctccactg	atggctggga	agggagttgg	ggaggaaga	1319

<210> 4068
 <211> 1591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1594)...(479)
 <223> similar to gi5052670 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4068
 tttttttttt ttagcaaaaa gtagactttt attacagcag caactgaggc gaatcgaatg 60
 gccccccagg gccaccactg cagcaccacc tttctctccc gccccggccg cccagcgagg 120
 attgtagaat tcggctcccc tagtgcccggt gggcctcctt tccacacagg ctgggaggga 180
 gccggcagat cagcgactag cccccaacta gaaggcgggt gctgagaagg cccaggccca 240
 cgtctgtgca aaacaagtaa acaaagtga gaggggagga agagagggga ggggaaagga 300
 tgatgctcag aaccagggag cccccccagc cctcctgaat aataaaggag ggaaggggct 360
 tcacagggta atactgactg gggggaaggg acaggagggc tgcagcacgt ccagggacag 420
 ccacagcgca gatcagggcc tggcccaggt gagctctaag aggagacggt gacagcggt 480
 gagttgaggg tactgttctt ggcaaaattg aacttggttca aggtctcttc tagcagagaa 540
 gtcaaccggc tctggtcagc ctactaatg aagcccagct gcaccagctc agccgccaac 600
 tcggggatat tctcatttgg catcaggtca cagctcaggt gccggttcag tttgtcctcc 660
 aacttcagca gaagtgtcag gtggtgtttg actccctcct ccaccgactc aatgttgac 720
 tgcacagca ccaccttgcg agtctccacc tcagctggtt caggtgtcgg agtcttgaca 780
 gaggggggca cgacaggtga tgtcacctcc tctgctgtg gctgctggg ccgaggcagc 840
 ccaaaggctg tcagagagata gatcccatc ctgacatctt caaggaattt atctaattcc 900
 agagctggtg actgagagta caaagtctga actggttctc ttcctggtcc tgcagggatt 960
 tcagccagta cggcactagt atccatgttt ttggtgatct cctctagagc gttctctggg 1020
 atcatgtgtt ggtgtcccac aatgcagtgg gccgcaagga gtttgagcga gggcacttca 1080
 aacaatgctg ggtggaacag aagttctctg gctgttggtc tgcgagcagg ctgagactgc 1140
 aggcactttt gaatgaactc cctctgtaat gggctcttcta gaagctggat ggcactgctg 1200
 atggcttctt gtggcacata tgaggactct ccattgccct gaatctccag cactgccatc 1260
 tccagtgcac acatgccaaa ggagttagatg tccactgctg ttgtcacatt agtgacttct 1320
 ccatactctg gtgcaaagaa gtgtagattc ttctgctctt ctgcacaagt cttcacatga 1380
 ttgttgatag tgtcaggagc cacagagcca atcttgatga gtccgttgtg ctggatgaag 1440
 atggtgtcac aggtcaggtt cccatggatg atgggggggt cacaggagtg caggtagctt 1500
 agggcagaga ggatttgtgt gcaccaacgc ttccatgcct tttcattcat cgtcttgg 1560
 ttctttttgg tcttcttcag aaattgcttc a 1591

<210> 4069
 <211> 1458
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1460)...(341)
 <223> similar to gi337485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4069

tttttttttt	ttgagaaaaa	aattgggctt	ttattggcaa	ttacaaaagt	aatagatttt	60
cttacataat	acgttccttc	agtaatatat	ttttcaagta	ttttaccgta	gaattttctaa	120
agtactttgt	cattgacccc	ataattttatt	ataaagtagg	tcccataatc	acatttttttg	180
gaagttgctg	aaattgagat	aaaaaatatt	gtttttttat	gagaaaaact	ggacaaaata	240
cagaatggcc	aaaactagat	taactggctc	agttatgtct	actaggtgaa	agaaaaataca	300
gaatctgtta	ctgtagaaat	tttaagagg	tttgagtcag	ttccagtata	aaaaaaggc	360
caaagtgtct	ctgtaaaatt	atcattaaaa	gtatagagaa	gagatctatc	attcaaatta	420
taaaaggaaa	cttcattcat	ttcatagtct	aaaaaaatgc	caatcttact	aggaattact	480
tgtggcagca	gaataatttc	cctgtggccc	aatacaatat	aattattctg	actagatcgc	540
caaattcccc	ataatccatc	ctgtactaaa	attgggtgac	tcttctctct	tctgggaaga	600
cagtcattac	agacaccaag	aatccattca	ggcttgtctt	tcaattctac	ttcccagtac	660
tgccctgccac	aactatatcc	cttagaaccc	agaacagctg	ggaggagata	aaatcttctt	720
gggttatgag	gtacattttg	tgttgtattt	ccatagcgca	cagtttttct	atcttctgag	780
actataagtt	tacgatgtgc	tgtttcagga	tctagaatta	catctacttg	aaatcgcttg	840
ataatttagt	ctaggccaga	atattgtgga	ggcagatggt	aaccatattt	ttttaatttg	900
aataaaaaaca	gctcagggaa	ttttaaatte	ttatatctgt	gatagatata	cttaacattt	960
gccagtaatt	ccagttctga	cttcacatat	atgctctcta	tctccttttag	tagatatattt	1020
aatgaggagg	tataatctga	aaattttgtt	aggctttcat	ttagttgtgc	taaaatatcc	1080
atctcttcat	cttgtaattg	cctaagaaca	gtctcttgct	cattttggag	aaataaccta	1140
agttgctcaa	attcagactt	gacttcttct	gccctatggt	ttaccttttt	cttcagttcc	1200
agtgatttcc	tggtttgcat	agttatgact	ttttcaatta	gttccactct	ctccttccac	1260
ggtgcattgt	attcctccag	ttttttccta	tgataggagg	cagccttctt	tatgggccaa	1320
acacagtgat	gctggtgatc	agtggacaaa	ctgcaccttg	gacataaaag	ctataggtct	1380
ttctgacaga	agaaagtcaa	aacctgatta	tgcttcttac	acacatgctt	ctcttctctgc	1440
ctcttctctt	tcttgctt					1458

<210> 4070

<211> 1122

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1104)...(816)

<223> similar to gi498729 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4070

tttttttttt	ttaagtttag	ggcatttata	tatctgcaac	ccaataaacc	cctggtacca	60
tgcagctccc	ccaaattcag	tgcaacccaa	gctgctgaaa	caagtccagc	cccagaaggt	120
gtagtggcac	tgtggtgtta	ccttattttt	atatgaccct	tcaaaaagga	cactgaaaac	180
ccagtgcctg	tttgacagaga	tcatgtgtgg	aaattgaaac	cctgtcttta	aggaatgacc	240
aaattcatgc	tacttaacct	gaaaacttgg	gggcaaagtg	gttggtgatta	tctgaagggc	300
tgctatgtag	atgaagtatt	aaacatgtcg	taggcaaggt	ttagaggaga	atgtggtact	360
taaccttcta	tagatcccac	aatgaaatga	cctgccttgt	gaggtagtga	gtccctgtc	420
aagagagatt	ttcaagcaat	gggtagaaga	ccacttgcca	ggagtgttgc	aaaaagtggg	480
ctaaaccaga	tttttccaac	ctagtatgga	ggaagaggca	gagttagggga	aggtcctgcc	540
cctatgagat	tctcctgatt	gcatgcaaga	tgacaggtaa	tccctgtgtg	gacagactag	600
aaaagcagac	agcccctaaa	atagatgggg	agaactttta	gccctgatata	ccacacaaac	660

tatttttagga	tagggtagct	tggaaaactt	taagcaaagt	acgtcacctc	tcctaattggg	720
actgtttccag	acacgcacag	ggaggcagcc	agcgattgc	aagatacaaa	gttcagctct	780
gtgcagcagg	agaccgggt	ttagttctga	ctctgccctg	tatgacctgg	ggctcctcct	840
tcccttttct	gggacctcc	ataaaatgaa	atgaacgtag	gcagtccttc	cccttctaata	900
gggcgttgcc	cctctgactg	gagccccga	tagcagatct	agggctacag	tttggggcct	960
tggggctaca	cttgtggaca	gccagagacc	acctctggcg	gaagcaccgg	ccacactcga	1020
ggcaggggaa	aggcttctcc	cccgtgtgca	gcagctggtg	ctgggccagg	tggtccact	1080
gagcaaaacg	cttgagcaa	aggaattcca	ccacgtgac	ta		1122

<210> 4071

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(226)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4071

tttttttttt	ttaatacaga	gtctcactct	gtcacctagg	ttggagtgca	gtggtgtgat	60
gtcggctcac	tgcaacctct	gcctcccggg	ttcaaacgat	tctcctgcc	cagccactct	120
agtagctgga	actgcagggtg	tgcaccacca	cgccgggcta	gtttttgtat	tttaagtaga	180
gacggcattt	caccatattg	gtcaggctgg	tctcgaactc	ctgaccccaa	gtgttcgcc	240
cgctctgcc	tcccataagt	gctagaatta	caggcctgag	ctactgcgct	tggccccttg	300
cggtactttt	ggcccaacct	cctccactgg	ctggggacgc	ggaggccgag	gagagaagtt	360
cacttgctcc	tgggttctaa	cctttgaagt	ggttctcaag	ggtttggggc	gaagagtccg	420
gggtggggac	cgaagatgca	gctctatcct	gtgcccctgg	gtcgcaagca	ggcagcccag	480
cgcttcgcgt	gttctacttg	gcctgtccgc	tgccgcctaa	tgagctcagg	tctaggccga	540
gcagaggggg	cacctggtcg	gactcggttg	ggctcgggcg	gccccgccct	ccccccgccc	600
gccaggcggg	cccttctcga	cggcgcgggg	cgggcctcgc	gggcgcgggg	ctgaaggcgg	660
aaccacgacg	ggcagagagc	acggagccgg	gaagcccctg	ggcgcccgtc	ggagggctat	720
ggagcagcgg	ccgct					735

<210> 4072

<211> 569

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (28)...(468)

<223> similar to gi3650031 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4072
ctaacagctg gggaattaag tccccacagt actgtccccc cttccttact gcgctacgaa      60
ccccacattg aacccccatc cctccttcat tctacaatct ctgagcgaaa cccccacccc      120
tcactgagcc tcaaaccctg tgccccttca aaccttgtga ggcccctggc gttggccttg      180
gcattggcca gccctcctgc cccggagatg cacatggccc gcccgcggcc ggcccaactgt      240
ctcctccctc ctagcctgcc tctgccccaa ttctcctctc aatctcctgc gtgattcctc      300
tgtcctcagt cataccagtg tgaggggctc accccacggg ttctaccgga tggagggggc      360
catgttcctt gctcccgccc ttctcctca ccagtccttg cctcggtatc agcccccagg      420
tggggagctc tgctgctgcc tggaccatgc cctacttccc tctcctcggg atgtaggaaa      480
gggagggcca gccctagagc tcaccacccc cccacagcaa gcctgtgtac tgcgctctgg      540
ccaccttgct tctcgctccc ataacctac                                     569

```

<210> 4073

<211> 2545

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1552)

<223> similar to gil754515 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4073
gcgcaccagc ccttaaggct atcctgcggt acacctagac cgacgcccc gccatctggt      60
ggctggaccc agagctgacc tatggctgcg ccaagccctt cgtcttcacc cagggccact      120
ccgtgtgcaa ccgctccttc ttcccgtgct ttgacacacc tgccgcgaag tgcacctact      180
ctgccgtcgt caaggcgcca tcgggggtgc aggagctgat gagtgccacc cggagtgcct      240
acatggagga agaaggcgtc ttctacttcc acatggagca ccccggtgcc gctacctcg      300
tggccctggt ggccggagac ctcaagccgg cagacatcgg gcccaggagc cgcgtgtggg      360
ccgagccatg cctcctgccc acggccacca gcaagctgtc gggcgagtg gagcagtggc      420
tgagtgcagc tgagcggctg tatggccctt acatgtgggg caggtacgac attgtcttcc      480
tgccaccctc cttccccatc gaggccatgg agaaccctg cctcaccttc atcatctcct      540
ccatcctgga gagcgatgag ttcttggtca tcgatgtcat ccacgaggtg gccacagtt      600
ggttcggcaa cgctgtcacc aacgccacgt gggaagagat gtggctgagc gagggcctgg      660
ccacctatgc ccagcgccgt atcaccaccg agacctacgg tgctgccttc acctgcctgg      720
agactgcctt ccgcctggac gccctgcacc ggcagatgaa gcttctggga gaggacagcc      780
cggtcagcaa actgcaggtc aagctggagc caggagtga tcccagccac ctgatgaacc      840
tgttcaccta cgagaagggc tactgcttcg tgtactacct gtcccagctc tgcggagacc      900
cacagcgctt tgatgacttt ctccgagcct atgtggagaa gtacaagttc accagcgtgg      960
tggcccagga cctgctggac tccttctga gcttcttccc ggagctgaag gagcagagcg      1020
tggactgccg ggcagggctg gaattcgagc gctggctcaa tgccacaggc ccgccgctgg      1080
ctgagccgga cctgtctcag ggatccagcc tgaccgggcc cgtggaggcc cttttccagc      1140
tgtggaccgc agaacctctg gaccaggcag ctgcctcggc cagcgccatt gacatctcca      1200
agtggaggac cttccagaca gcactcttcc tggaccggct cctggatggg tccccgctgc      1260
cgcaggaggt ggtgatgagc ctgtccaagt gctactcctc cctgctggac tcgatgaacg      1320
ctgagatccg catccgctgg ctgcagattg tggtcgcaa cgactactat cctgacctcc      1380

```

acaggggtgcg	gcgcttcctg	gagagccaga	tgtcacgcat	gtacaccatc	ccgctgtacg	1440
aggacctctg	caccgggtgcc	ctcaagtcct	tgcgctgga	ggtcttctac	cagacgcagg	1500
gccggctgca	ccccaacctg	cgcagagcca	tccagcagat	cctgtcccag	ggcctgggct	1560
ccagcacaga	gccccctca	gagcccagca	cggagctggg	caaggctgaa	gcagacacag	1620
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gggacgtcaa	tgtgtctgcc	tagccctggt	ggcgggctga	ccctcgacct	cccagacacc	1740
acaattgtgc	cttctgtggg	ccaggcctgc	catgactgcg	tctcggtctt	ggccatgagc	1800
tctgcccagg	cccacaagcc	cctcccctgg	gctctcccag	gcagggagaa	tggggagagg	1860
gacctccttg	tgtctggcag	agacctgtgg	acctggcctc	cccactccca	gctctcttgc	1920
actgcaggcc	ctggggccag	cccgcacaca	ccatgcctcc	tgtctcaaca	ctgacagctg	1980
tgcctagccc	cggatgccag	cacctgccag	gtgccgcccc	ggggcaaggg	ccccagcagc	2040
cctatggtga	ccgccacact	gtgccttaat	gtctgccggg	ggcccaggct	gtgctgtccc	2100
tgcagcacgc	ctccttgacg	ggatctgagc	caccctcccc	gcacagccct	gcaccccgcc	2160
cctagggttg	gcagcctcag	ttggccccctg	gcagaggaac	aaggacacag	acattccctc	2220
agtgtggggg	gcaggggaca	cagggagagg	atggttgtcc	ctggggaggg	ccctctggcc	2280
ccaggcaacc	ttagccccctc	agaacagggg	gtcccaggac	ccagggagag	tgtggggaca	2340
ggacagcctg	tctctttag	cttctctggg	tgggaggcac	aggggcaaag	caatacccca	2400
gggaaagtgg	gaggtggtgc	tgggtgctct	tccaggccca	ccatgctggg	agaggcggcc	2460
agagcctggg	gcctccagcc	tgggactgct	gtgatggggt	atcacggtga	tgggtccatt	2520
aaacttcac	tctgcaaaaa	aaaaa				2545

<210> 4074

<211> 1973

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (31)...(1017)

<223> similar to gi4432587 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4074

tgcacggaac	cgccgcgacg	atccacgcgt	acgcctgctg	cccttgccag	cctgcgcccc	60
tacacagact	atgtggttgt	ttcggaccag	attctccagg	agtccgagga	cttcttttacg	120
ctcatcgagt	ctcatgaggg	gaagcccttg	aagctgatgg	tgtataactc	caagtcagac	180
tcctgccggg	aggtgactgt	aactcccaac	gcagcctggg	gtggagaggg	cagtctggga	240
tgtggcattg	gctatgggta	tctacaccgg	atcccaactc	agccccccag	ctaccacaag	300
aagccacctg	gcaccccacc	accttctgct	ctaccacttg	gtgccccacc	acctgatgct	360
ctaccacctg	gacccacccc	cgaggactct	ccttccctgg	agacagggtc	caggcagagt	420
gactacatgg	aggccctgct	gcaggcacct	ggctcctcca	tggaggatcc	ccttccctggg	480
cctggggagt	ccagccacag	tgctccagac	cctgatggac	ttccccattt	catggagact	540
cctcttcagc	ccccacctcc	agtgcagcga	gttatggacc	caggcttcct	ggacgtgtcg	600
ggaattttct	tcttggacaa	cagcaatgcc	agtgtgtggc	ccagcctgcc	ctcttcacac	660
gaactgacca	ccacagctgt	ctcaacctca	gggccagagg	acatctgctc	cagcagcagt	720
tctcatgagc	ggggtggtga	ggctacatgg	tctgggtcag	agtttgaggt	ctccttccctg	780
gacagcccag	gtgcccgaagc	ccaggcggac	cacctgcctc	agctgactct	tcctgacagt	840
ctcacctctg	cagcctcacc	agaagatggg	ctgtccgccc	agctgcttga	agctcaggct	900
gaggaggaac	cagcaagcac	agagggccta	gatactggga	cggaggctga	ggggctggac	960
agccaggccc	agatctctac	cacagaataa	caccctgggc	tgtgacaagg	cccatgatga	1020

catttcatga	ggcccagatg	tgggcaggca	gcccgggctg	cactatgcgg	tcaggattcc	1080
ttgctgcttt	ggtgggacat	gaggcctcag	tgggtgggtga	gagggggcca	tgggctttgt	1140
gggaggatat	cttttggccg	tgtaccctca	ggtccagtgc	ttggtcctgc	tctggctact	1200
ggggcttccc	aggaggcagc	agggtctggt	cataatccag	tgtgaagatg	agggtaggaa	1260
ggaaggggtt	gctgtccagt	gttggcctgg	tcgctttgat	tcttcctgca	cagctcagcc	1320
caccccatct	gtactggaag	ggaccctgga	gccctgggac	cacccctttt	caagtcccaa	1380
acactgagtc	ctctgtcatg	tgtccttgtc	cctaggctac	aatgctacac	ttggctcagg	1440
ctgatcacca	tgctagtcac	aggagggaga	gagaggcagt	gtacttgccc	ccatctcctg	1500
gagggaggtg	cgttggaat	tctaggccct	tcagcagaga	cccatttggtg	cccagaccac	1560
aatatttctt	cttcctcagg	gactacatgc	cacagacctg	tatccccagt	ggcaactcct	1620
gttagctccc	aaacttaaac	agtgatctct	tctaaatata	caaggcatct	acccagcccc	1680
aatagtgaat	aaaagtcaca	aatttaagtt	caacacccta	agcaatttct	caaagccagt	1740
ctacctgact	aggcttatcc	acggcacggt	tcccaacccc	aaggggaaat	taggggatta	1800
gattaagagt	aggtaaagac	ccttttgttc	tttcctggtg	taggggagga	agctgttctc	1860
cccaaccag	gtgcctttgg	gaggttaagg	ctagggttag	gccctgcact	ccacctgggg	1920
acggccccctc	atcacctgaa	gtcctctgct	gtgttgactg	gaccctcagt	tcc	1973

<210> 4075

<211> 713

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (628)...(176)

<223> similar to gi53182 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4075

cagagactgg	gccacgtgta	acgtagagca	caggtgaggg	tccacaccga	cgccagagag	60
cacccctacc	tcccacactg	gtgtttgcgt	tgtaactggg	agaaagggcg	acctggcccc	120
agccggcccc	tacctgtacg	tggggatgat	ctgcaggctg	gagtcgggct	ttatctgaaa	180
cttcagagtc	acccctcga	accagggtc	cactctctcg	gtgccccggc	aggggttcag	240
ctgtttccgg	ggccttctct	gggggtgggc	cgaggagtc	cccgggggct	gcagacggcg	300
gcccttttgg	ctgatcctgg	tctgtgtgtc	cttggaatcc	ctgtccagca	gcaggcgccc	360
ctgagtcccc	agagccatcg	ggctccagca	aggccccagg	accgggggtg	cctgggcagg	420
ggactgacct	agcctctcca	ctgtctcttg	gaggaagcac	agggcggtga	ccgactcctg	480
gcatgcaggc	cagagggacc	tctcactgat	tctgcagcat	cctgggggtc	tcggcttgtc	540
ctgggagggg	gatcctccca	gccgctccag	gttcagacag	ggcggcgcca	gaagctttgc	600
tgggaggggc	gggacctgtg	tgggtgggagc	gctcttggtg	gaggatgcga	tgagccccag	660
ctgagagcga	ccagcctcgg	cggcaccttt	cctctttctg	gcttttttca	ggc	713

<210> 4076

<211> 647

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(248)
 <223> similar to gi452987 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4076
 ttgtacgcgt cgacccactc gtgcggggagc tgctgatgca ggtggatgat gagcacctgt 60
 cattgactga tcagaaggac cagctgagct tgcgtttgaa agccatgaag cggcaggtgg 120
 aggaggctga tgaggaaatc gacagactgg aaagttctaa aaagaagctg cagagggagc 180
 tggaggagca gatggacatg aatgagcatc tgtaggggca gctcaactcc atgaagaagg 240
 acttaatact gaagaagctg ccgagtaaag tgctggatga catggatgac gacgatgacc 300
 tcagcacgga tgggggaagc ctctatgagg cgctgtgag ctacacattc tccaaggaca 360
 gcaccgtcgc cagccagatc tgagtgtctt cccgggctgt ggaagtacct gtcattcctg 420
 caggagctgc agccacccaa agtggggaggc agggagggga gcatctgtct gccactgaga 480
 ccaatcacag cctctttgca cagcatgcca gctcctcagt gttacattcc tcgccagggt 540
 ctctcagtgg gtcttcgaca gagagctttt gcagtttaaa atgttgggat gcctgaggac 600
 caggagccac caccactggg ggtgttgtga gagatacact ttggttag 647

<210> 4077
 <211> 901
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (717)...(260)
 <223> similar to gi1872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4077
 ctgatttctt caaggtgagt catcatcccc ctgctgctgc gcaccatgcc tgagtccaaa 60
 aatggctgga cattgcgtca ggaaatcaaa atcaccagca agtttcgagg caaatacctc 120
 tccattatgc ccctcggtaa ggttaccatc tttgtcagaa ttaatgctcc tggaatgaaa 180
 ggttttctgg cacgatggag gaggtcactg gctaaagagt caggagacag gaggtctgat 240
 tcgagcactg accctcacta actggctttg ggcagggtatt taacttttca gctatcaaat 300
 gagtgtggag gctagaaact cttaaggac ccacttagtc cttaaattctt tatectctta 360
 gctatattta acgcatctct aagcactatt tagaacacaa gttctagcat gcattaaaaa 420
 aaaaaaattc tgtctcttaa ctgggggggt tttcttcctt actttggcag tcaggttctc 480
 tctgtaaadc aaaactcatg attgcaagggt taggtttctt agctaattctt tccgctttct 540
 cctctccttc ctcccttttc ctccacctga tgggttaggt atcatttatg taatggctga 600
 attctaggtc actgaaactt tatttttaaa agatcttact tggggctggg cacagtgcct 660
 caccctgta atcctagcac tttgggaggc cagggcaggc agattgtctg agctctggag 720
 ttcaagacca gctgggcaa catggtgaaa ccctgtcttt actaagaata caaaaaaatt 780
 agctgggtgt ggtggtgcac acctgtagtc tcagctactc gggaggctga ggcacaagaa 840
 ttgcttgaac ccgggaggcg gaggtttcag tgagctgaga ttgcactatt gcactccage 900

<210> 4078
 <211> 1689
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (12)...(696)
 <223> similar to gi5420389 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4078
 gagcgcacga ggctgcagcg cggccgcgcg gcgcaacatg actgccgtcg gcgtgcaggc 60
 ccagaggcct ttggggccaaa ggcagccccg ccggtccttc tttgaatcct tcatccggac 120
 cctcatcatc acgtgtgtgg ccctggctgt ggtcctgtcc tcggtctcca tttgtgatgg 180
 gcactggctc ctggctgagg accgcctctt cgggctctgg cacttctgca ccaccaccaa 240
 ccagagtgtg ccgatctgct tcagagacct gggccaggcc catgtgcccc ggctggccgt 300
 gggcatgggc ctgggtacgca gcgtgggccc cttggccgtg gtggccgcca tttttggcct 360
 ggagttcctc atgggtgtccc agttgtgcga ggacaaacac tcacagtgcga agtgggtcat 420
 ggggtccatc ctctctctgg tgtctttcgt cctctctccc ggccgggtcc tgggttttgt 480
 gatcctcctc aggaaccaag tcacactcat cggcttcacc ctaatgtttt ggtgcgaatt 540
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 ccatccctgg gaatgaccgt ggaaatttta ggccccctcc agggacatca gattccacaa 660
 gaaaatatgg tcaaaatggg acttttccag catgtggcct ctgggtggggc tgggttgagg 720
 aagggccttg aaacggctgc ctggttgccg ataacttgtg ggtggtcagc cagaaatggc 780
 cggggggcct ctgcacctgg tctgcagggc cagaggccag gagggtgcct cagtgccacc 840
 aactgcacag gcttagccag atgttgattt tagaggaaga aaaaaacatt ttaaaactcc 900
 ttcttgaatt ttcttccctg gactggaata cagttggaag cacaggggta actggtacct 960
 gagctagctg cacagccaag gatagttcat gcctgtttca ttgacacgtg ctgggatagg 1020
 ggctgcagaa tccctggggc tcccagggtt gttaagaatg gatcattctt ccagctaagg 1080
 gtccaatcag tgcctattct tccaccagct caaaggccct tcgtatgtat gtcctgggt 1140
 tcagctttgg tcatgccaaa gaggcagagt tcaggattcc ctcagaatgc cctgcacaca 1200
 gtaggtttcc aaaccatttg actcgggttg cctccctgcc cgttgtttaa accttacaaa 1260
 ccctggataa ccccatcttc tagcagctgg ctgtcccctc tgggagctct gcctatcaga 1320
 accctacctt aagggtgggtt tccttccgag aagagttctt gagcaagctc tcccaggagg 1380
 gccacactga ctgctaatac acagccctcc ccaaggcccc tgtgtgcatg tgtctgtctt 1440
 ttgtgagggt tagacagcct cagggcacca tttttaatcc cagaacacat ttcaaagagc 1500
 acgtatctag acctgctgga ctctgcaggg ggtgaggggg aacagcgaga gcttgggtaa 1560
 tgattaacac ccattgctgg gatgcatgga ggtgaagggg gccaggaacc agtggagatt 1620
 tccatccttg ccagcacgtc tgtacttctg ttcattaaag tgctcccttt ctagtcccta 1680
 aaaaaaaaaa 1689

<210> 4079
 <211> 666

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(667)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(402)
<223> similar to gi5459148 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4079
tgaggcttgg catgacaaat cgcacctata ttttatagca tctggaggaa atggcaaaaa 60
tgcttaatca cccagagtc tacgcttttc tgcacatacc agtccagtct gcctccgaca 120
gcgtactcat ggaaatgaaa agagaatact gtgtggctga cttcaaaaga gtagtggatt 180
ttctgaaaga gaaagtccct ggaataacta ttgctacaga tattatctgt ggttttcctg 240
gagaaacaga tcaggatttt caagaaacag tgaacttgt tgaagagtac aaattcccaa 300
gcctgtttat taaccaattt tacccaagac caggaactcc tgctgcaaaa atggaacaag 360
ttccagcaca agtgggtgtct cttcaaagga ataaacttcc ttctggcca aagccttggtg 420
gcaaagtaat tgaccacagc ttgacagca acaaagatga cctcttcaca tccacttcct 480
tagccctttc cttccacttt ctgtttcagg agaagaagga ccattttntt gttattaaaa 540
tgactatgct gttctaagaa tttctgactg attactccac tcttgccatc agcttcttct 600
ttacggccca actctcctaa aatatgggtgc tggatttggt gtgttgtaga gtaaaaaataa 660
tattgt 666

<210> 4080
<211> 1320
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (242)...(1052)
<223> similar to gi5441615 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4080
cttagaccac gtggtggaat tcgagccatg gatggcggag ggagcgaatc cacacgagag 60
ctctccagaa tctgactacc cacttggtga tgaaccaggg aagcattggg aaagcaaaga 120
caatttttgg aagtcagttt tgctcacatt caatataatt ctgactatgg agagaatcca 180
ccattataat atgagcacia ggcttaatcc aatgagaaaa aaatcatata aatcgtttga 240
gaagtgtttg ccacctaat tagacttact taaatataat agaagttata ctgtagaaaa 300
cgcttatgaa tgcagtgaat gcgggaaaag cttcaaaaag aagtttcatt tcattagaca 360
tgaaaaaaat catacaagga aaaaaccttt tgaatgcaat gactgtggaa aagcctatag 420

caggaaggca	caccttgcaa	ctcatcagaa	aattcataat	ggagagagac	cctttgtgtg	480
caatgattgt	gggaaggcgt	ttatgcataa	agcccaactc	gtgggccacc	agagacttca	540
cactggagag	aagccttatg	agtgcagtca	atgtgggaaa	acattcactt	ggaactcctc	600
atttaatcaa	cacgtgaaat	ctcatacact	tgagaagtca	tttgaatgta	aggaatgtgg	660
gaaaaccttc	aggtatagtt	catcccttta	taaacattcc	agatttcata	caggagagaa	720
accctaccag	tgtatcatat	gtggcaaagc	ttttggcaac	acatccgtgc	ttgttacaca	780
ccaaagaatt	catacaggag	agaaacctta	cagttgtatt	gaatgtggca	aagccttcat	840
caagaagtcc	catctcctca	gacatcagat	aactcataca	ggagagaagc	cctatgaatg	900
taacagatgt	gggaaagcat	tttcccagaa	gtcaaattctt	attgtacatc	agaaaattca	960
tacataatat	tcacttttatg	aatatgagaa	ggccttatta	aatattttgc	taaatcttat	1020
taaatactaa	agaattcatg	gtgagaagtc	tacaatttaa	atgaatttgg	aagagtagat	1080
tcccataaaa	aacaaccaat	gccaatcatg	ttctggaagt	gataataaac	tttttacaga	1140
aaatatgaca	gaaaacaact	ataaataata	gagcataaag	cttggaaggt	aagcatacct	1200
taaaaaaatc	aaaagaacca	gttgaaaact	acatttgcca	ttcctgactt	ttaattttta	1260
taataaaaaat	aattatgcaa	gtgtgagttt	aaaatatatg	ccttatacat	tattattaaa	1320

<210> 4081

<211> 1494

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1495)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (133)...(550)

<223> similar to gi2811216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4081

ccaatatattg	gtatcttcat	atgttatctc	taggtagatt	tacaggttag	tcatagtgca	60
gaaatatagg	acagaatcag	ggtgctataa	tgtcattctc	tagaaccat	tccctttatt	120
ttcatttttag	gaaaagcctt	tacctctct	caaagacctc	gacctaccag	cccattttct	180
actgacagta	acaccagtgc	agccctgagt	caaagtcaga	ggcctcggcc	cactaaaaaa	240
cacaagggag	ggcggatgga	ccaacaacca	gcattgcctc	atcgaaggga	aggaatgaca	300
gatgaggagg	ccttggtgcc	ctatagcaag	cccagtttcc	catctccagg	tggccacagc	360
tcatcaggaa	cagcttcttc	taagggatcc	actggacctc	ggaaaaccga	ggtgttgaga	420
gcaggccacc	agcgcaatgc	cagcgacctt	cttgacatag	gatatatggg	ctccaacagt	480
caaggacagt	ttacagggtga	attatagtaa	atgagaggag	acatacaaag	ctgctctgaa	540
ggaccatcag	gtccggactc	atggaagtga	tgactctaaa	cagtgcattg	aacaatttat	600
ttatgtacta	ttaaaagaac	tgtaaagtca	atgtaaagac	acacagccac	acatatccca	660
cagatatattt	cattgtgttc	ttctcttaag	tacaccaccc	accttaactc	tttcttgtca	720
ggagtatata	aaaaagaaag	aaaacaaaac	tcgccctaca	ggaagaaaag	gattctcctc	780
tgtatataat	ttctttttgtg	cattgctatg	caagctcact	cttttttagct	ctgctcatat	840
tattgtctgt	tcttattggt	ctggtgtact	atatgtgaat	taataggctg	tggtgccata	900
tattaacttt	taattgtgta	actttttatgt	ttaaattttg	cactgcaatt	ttatttggtg	960
ataagcacia	atctctactc	ctcatgacat	gaagaaaaag	actgaatgtg	aagggagttt	1020

ctgtactgta	agctagattg	gataatgatg	gctgtaacaa	atcatgttag	atgggttttca	1080
gttgggggtg	agaaatagga	agatgcaaag	gaacaatggt	gttggcaaag	tcttctttga	1140
atatcagggg	ctgagtcagt	aaaaaaaaata	gtagaaaggt	ggcttttact	attgacaaaa	1200
gccgggggtc	aaaaaagtag	tttaagtctt	aagactgaat	atgcattaaa	gtatgcagggt	1260
agcaaagatg	ttaattaaat	ttgcttaaaa	aaaagaatgt	aaagttttat	ttagaatcaa	1320
ttttacctgt	cattgtaatt	gacccatctg	aganttacia	taagcaagag	gaaattaagg	1380
tgttttgcaa	gagctgtatt	tatattacca	gttttttttna	aaaacatttt	ctgaattatc	1440
cgtaattaag	ctctccact	tcgttaagtc	caggattata	atatgaagtt	cccc	1494

<210> 4082

<211> 2362

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2043)...(1574)

<223> similar to gi5901848 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4082

tctgggaacc	ttcaatgtat	tactgagacc	atgaaccaca	aaaataggtt	tgagtgaggt	60
gtgagctaga	cctttctgga	ggctgaaagc	attcacacac	acacccctct	gctagttaga	120
tggacacaga	ccttgagcca	cagcacacgg	cagccagtcg	agctaggtca	caggatgatt	180
cttacaggac	actgatattg	atgtatttca	caaatgagaa	taagttggga	atgttagtgc	240
aatttaatac	ccgtaagggt	gactttttaa	gatacactga	tagttaaaaa	aaagacaatt	300
aaaaaatagc	attttgtttt	ttaaatggca	cccattaaag	actcaacagt	caaaatgaga	360
caaatcagtc	ctttagacgt	tcacagacaa	ttgaaaggca	ctttaaaaat	ccacttttta	420
aactaccact	tgagaacaca	tggtagcaca	gtcttaaat	catictagtt	gacgggaat	480
gatgaatgag	tgttggcacc	agaaaatcct	gcttgcagaa	gggggagcag	gtgtcggtcc	540
acgggacagc	cactggccag	gctagctgcc	gcctcactcc	gcagccttct	gtggctaaat	600
ggcaggacgg	acacacagga	atgggctttg	gaccacaagc	tctggcatat	cgggaggcaa	660
agcactcaag	tactctgcag	tctagatgac	acatttcatg	gtttggagga	cagaagtagg	720
tttccacatc	acatgaaaag	gacagtgtca	cagtgggggt	accagtaaa	cagctaccaa	780
agccatcatt	tcacgcttcc	ctgtagtttt	atgagctcgc	cctctgcag	tggatatggg	840
gaaagccggg	catgaagggg	tgtgtgaaaa	agaacagcct	ctgtgactga	ctgcagtaag	900
ctcacaagtt	tgtcactgtc	agacttagca	agtcagcctg	caaagggtgt	gctgatctct	960
tggccacact	acctactcag	gttcccatcc	atgcctcctg	cctgccccca	ccccagccc	1020
caccagttag	acttctgatt	ggaagtctat	agacataaga	attcaactct	gacccatgga	1080
tgagaggatg	aggcaaagaa	ccaatgggtt	atctagtaaa	cgatcaataa	ctacctaccc	1140
acaatgattg	tcccaggcca	atgtcacaa	acgacattac	ttccaagaac	caagtcattc	1200
cttgcttctg	cgggcccagt	gccacgggta	ctgtcctgag	tggtttggaa	ggtgggtagc	1260
cgctgatata	gggacaggca	gatgtgcaga	cattaccac	cctgggtccac	cgatccacc	1320
ccatgcttcc	acctcccaga	gctcttgaga	taagacctta	agaaggatcc	ttgggcttgc	1380
attaaaacca	ctttgctgtc	cgtggaggtc	tgacaggacc	caatagttgt	tactacaaaa	1440
gtgcttttgc	aaatagggca	agttagaaga	aggaggtaat	atgaatattc	tttagaaaaa	1500
ctcaaatcca	tcggcttatc	aatacccaaa	gtctgaggct	acccagggca	caatttggtc	1560
catggaatgc	tgagtggagg	aggcagctgg	tgtgaggctg	cgcctgactc	ccaggagcat	1620
ttagccatcc	tttttggtt	ggggagtgtc	aaagagccgg	actgccttcc	tgacagcag	1680
acagaaccag	tagatctgag	gagctacgag	gaaggcattg	gccacgttgc	agtagaatgg	1740

gatgctgaag	ggtacttggg	gcaggcttag	tccctgctgg	cgcccatagg	accagtacat	1800
gaaggggaag	agaaggatcc	ggcaggaaaag	gaaggtggcc	agcgtgagga	ttccattcac	1860
cttgtagaga	aggggtgtgct	gctgcttttag	ctgaatcaga	accctgcccc	gcgacacaaa	1920
cggagtgtct	agttctgccc	tgaagatgca	gccgacaaaag	aagtcccca	ggtctccccg	1980
gagcctctgt	gcgactggca	caaggacaaa	gagaatgacc	gcatgatgtg	tgatcatgag	2040
gcggtttcga	cttaggaagt	ttcgaagagt	gagggagggc	gcacggttct	ggtctctggt	2100
tcggcaccat	tcacagaggt	acatggcgta	cgagtcatag	atcatgtatg	gaatcagaaa	2160
ccacacatat	tcccgggcaa	gccagtgcct	gccgggtgatc	acgtcgtcgc	aggagcgaat	2220
gatgacgatc	cccagagccg	tggccagcac	ggcgtgcacc	gaggaaacca	gcctggtgct	2280
gatcatcacg	cagtcgggtg	ggctccatcc	gggctggggag	cggcgcagcg	cgcaggccaa	2340
agcgcgttgc	agcgggggtcg	at				2362

<210> 4083

<211> 2349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(1229)

<223> similar to gi538413 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4083

gaaagcgagg	taaccacat	tacgccaagc	ttggcacgag	gccagggaaa	aaccctttgg	60
gcgtgatgag	agtggtaatg	ctttcagaaa	taattctggc	cttaaagtac	ataaacgaat	120
ccacactggg	gaacgacctt	acaaatgtga	agaatgtggg	aaagcataca	tctctctctc	180
gagccttata	aatcataaaa	gtgtacaccc	tggggagaag	ccctttaagt	gtgacgagtg	240
tgagaaggcc	ttcatcacat	accgaacctt	tacaaaccac	aaaaaagttc	atcttgggga	300
gaagccctac	aaatgtgatg	tgtgtgagaa	atcttttaat	tacacatcgc	tcctttctca	360
gcacagaagg	gtccacacta	gagagaaaacc	ctatgaatgt	gacaggtgtg	agaaggtctt	420
cagaaacaac	tcaagcctta	aagttcataa	aagaatccat	actggggaga	ggccctatga	480
atgtgatgtg	tgtggaaaag	cctacatctc	acactcaagc	cttattaacc	ataagagtac	540
ccaccctggg	aagacacccc	atacatgtga	tgaatgtgga	aaagcttttt	tctcaagcag	600
aactcttata	agccataaaa	gagtcctatc	tggggagaaa	cccttcaagt	gtgttgagtg	660
tgggaaatct	ttcagttaca	gctctctcct	ttctcagcac	aagaggatcc	acacagggga	720
gaaaccctat	gtgtgtgata	ggtgtgggaa	ggccttcagg	aacagctcag	gcctcacagt	780
gcataaaaagg	atccacacag	gtgagaaaacc	ctatgaatgt	gatgagtgtg	ggaaggcata	840
catctcacac	tcaagtctta	tcaatcataa	aagtgtccac	caggggaagc	agccctataa	900
ttgtgagtgt	gggaaatcct	tcaattatag	atcagtcctt	gaccagcaca	aaaggatcca	960
cactggaaag	aagccatacc	gatgtaatga	gtgtggtaag	gcttttaata	tcagatcaaa	1020
tctcaccaag	cataaaaagaa	cccatactgg	agaggaatct	ttaaatgtga	tatatgtggg	1080
aagtatatgt	ggcacatccc	agaagagaac	ctatgaggga	gggaatgcc	tggatggggg	1140
caggatgagg	atgcctctgt	agcaggcaga	gcttaccag	tctctccgaa	ctcaaatgga	1200
agaaatacct	tatgaatgta	agaatgtagg	gggtcatggc	ttgtaattta	cacagtgtaa	1260
atgaaaccat	cctagaggat	tatgagggaat	cctttctatg	tgattttcaa	tcatagcaag	1320
caagaaaggc	tccagtgtca	aggtagtcca	gctcttacag	gatataaaac	agtccatact	1380
tgagagaaaa	acttagatct	gagtgatgga	atgtgaagca	aatcttcaaa	atcagtagac	1440
atttctggac	ataaaaacaca	gatgaggaaa	gggcttcaat	tagaagttac	gtaatcacca	1500
tcagaaagtt	catgtttggt	aaattctgtt	actagaaatg	taggaaattc	aggtatagct	1560

ttgaatccca	attacacatt	ggtcagtggg	aaaactaagg	gcctccaaca	ggcaaattca	1620
gggaggatag	gtttcagggg	atataaattt	atttaatttt	agtgggtctt	aagtataaac	1680
ttgatgtaat	tgggttggga	gggggcagtg	atgatgactt	ctgaaacaaa	atttggattt	1740
ccttttagga	aaagtagaaa	gcatagactt	acaagtctaa	caggagatag	gagagagtca	1800
ctcataaaaa	atgcaaattg	atgaacgtac	tattgtgata	cattagttag	atggatgaaa	1860
cttttttaaa	gtttcagatg	aactcccata	atgaatgatg	aatttgtgat	gagggataac	1920
ctggaagtgg	tattcacaca	ttatgctaca	ataaaagggt	ctaccgtgga	gaggattttg	1980
acacattcag	taactaatgg	aacacaccgt	caacatgaat	tcgcacctta	catgacagaa	2040
gtgattcagg	gattcctatg	aatagaaatg	ctgagaagga	acgcatttta	ttgcagaagc	2100
taaaaagcta	aagtaccagt	catctagaga	gaaggaaatt	aatgtttctt	aataatcctg	2160
ttaaattgtt	gattgttttt	ggaatgtgtt	attgtaaaga	tgtcatgcag	gacatgtata	2220
tgttgtctgt	tgtaaaatgt	taacgaatac	tttgttcagg	gtcactctc	tctttgtcat	2280
gaaagccagc	tccttgtggc	gaggtaaagt	ggaattccaa	taaagaaatt	ccttaaatca	2340
aaaaaaaa						2349

<210> 4084

<211> 1281

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1282)...(433)

<223> similar to gi2723316 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4084						
tttttttttt	ttaatgtata	aagaaaagag	tttaagttgg	gcgcatatgt	gtgaaggcctt	60
aaatgaaaac	atggtgcggg	catctgatca	ccctctagga	gagccctcag	gaaggttaaa	120
atcatggtgg	aaggcaaagc	gggtgtcggg	atttcacatg	gtgagaatga	gggcaagcga	180
cagggaagtg	ctatgcactt	ctaaacagcc	agacctcaag	agaagtcact	attgccagga	240
cagcaccaag	gggatgacgc	tacatctttc	tcagtttgaa	aaatccactt	ccatgattca	300
atcacctccc	aatgggcccc	acctccaata	cctggagatt	acaattccac	agggatttca	360
agagaagggg	taaatataca	aggtatatcc	agtaagtagg	aattattccg	gtggattcca	420
gaaactagga	caacgtctaa	ggccttgggc	acattgagtt	tagttgtaag	gctctctccc	480
agtatgtctt	attcgatggt	tagtgaggcc	tgagcgacaa	ataaaaagatt	ttccacactc	540
attacattta	taagggtttt	tgccagaatg	aattccttgg	tgtttgctga	gggaaaacaa	600
ccgccccaaag	gctttgccac	attcaataca	tttgtatctt	ttctctccag	tgtggattct	660
ctggtgactt	acaagatgtg	aactatgcct	gaataccttg	ccacattcat	cacatttata	720
tggtttcttt	cctgcatgaa	ttatctgatg	tgcagtgagg	tttgagctcc	gtttaaaggt	780
tttgccacac	tcattacatt	tgtaaaggtc	gtctccagta	tgaacagtct	gatgaagtct	840
aagatggaca	cgctgactaa	aggaattccc	acactgattg	catttgtaag	gtttctctcc	900
ggtatgaatt	ctctgatgtc	tattgagtgt	ggagccctga	ttaaaggcct	tgccacattc	960
atgacatttg	tatggtttct	ctccagtatg	aactcttcga	tgccctacaa	gatgtgaata	1020
ctgactgtag	accttgccgc	attcattgca	tttgtaaggt	ttctctccac	tatgaattct	1080
ccgatgcact	gtaagacgtg	aacattgact	gaagaccttg	ccacattctt	tgcatttgta	1140
aggttctct	ccagtatgaa	ttctccgatg	ccttgcaaaa	gctgaacggg	cactgaagac	1200
cttgccacat	tctttgcatt	tgtaaaggtt	ctctccagta	tgaattctcc	gatgcactgc	1260
aagacgtgaa	tgttgactga	a				1281

<210> 4085
 <211> 1240
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (222)...(358)
 <223> similar to gi5225326 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4085

ctttttataa	ctctcctttt	catgtcacat	attcttctcg	attctagtga	ttgatcaaag	60
gacacctctt	cactttccct	tgtcccttgg	acaccctgtt	ttatcccatc	ctgtttggct	120
tttctcacac	ctgcaaccac	agacctgcct	gagtttgtgt	aagggtttct	gaaataatgt	180
tccttctcct	tgtcgtctgg	ctgtttgttc	atctccgtgt	acttgccttg	taggtgggca	240
cttctctgtg	ggtgtaccca	gcagccatgt	ttgcccccca	ggtggctgcc	aggggcgtgc	300
cagtggctga	atttaacacg	gagaccaccc	cagctacgaa	cagattcagg	tactgggata	360
ccctgatggg	agagggagat	gtgggaggca	ggtacagaca	tggtcactta	aacatagttg	420
acctactcct	ctaattttta	aaaaagacat	agggtttgtg	tttttttgtt	tgatctgcag	480
ttgcttttat	ggaagaacaa	aatcattcac	tgtagactaa	ggtagggtag	ctctgtcatt	540
gtatgcgaaa	tttgccgcgg	gacttttgtt	tgttcacatt	ttgaacgctc	ttcttggatt	600
ccttaggctt	tgctttccct	tacattttta	agctagactt	agtgatgacc	tgtagtgtga	660
ggttacccaa	atgctccgca	agtaagcctg	ggagacgccc	ttgcagaacc	tcacacctg	720
ccgttccttac	tgggaggcca	cctggcagat	acccctttgg	tctaatcgcc	aaggttat	780
gtatctgtgg	ccatattatg	acactgatcc	tgcttcccaa	gtttgggtgg	gaagtgtaga	840
ttgtcatagt	atgcattttt	agtcttattc	ctgggtctgt	tttatttctt	catccatgtt	900
ctgtcttttt	tctaccccca	actttttttt	gcttttacct	ctaattcttg	tccatctagt	960
taattccttt	tgaataagtt	agaatataaa	taagtagtaa	attaatataa	atgaataaaa	1020
tagaaaactt	cagtgaacca	tcttgtcatt	actttaatca	acagtttcca	accttggtg	1080
catattttta	aaatactgat	gcctgggtgc	cacctcatga	aatttcgatg	tcattgctct	1140
gagttgcagc	ccagacatca	tcattttgat	aagcttccta	ggtgattcct	gtgtgcagcc	1200
aggataggaa	ccactcttct	aagtctaaac	tgggatttaa			1240

<210> 4086
 <211> 379
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (35)...(267)
 <223> similar to gi4262296 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 4086
cggcacgagg agagctagca ccatgacttc aataccctgt atctttaacc tccttggttaa    60
gtttgtctct tccagaatca aagctgtaaa acaacacatc gttcttcaaa tggagcccca    120
gatgcagtcc atgactaaga tctaccgagg atccctggac cagcctgcta gcccatgctc    180
cgatgttaat gacatcgaag gcactcctcc cgaggaaatc tcaaatgcac aaccctact    240
atgccccaat taagcaggaa gcagttggag cagtcgacgg ccaacctccc caacagcact    300
tgggttttcc tgttgagagg ggttactgag agacaggact agctggattt cctaggccga    360
ctaacaattt ctaagcttg                                     379

```

```

<210> 4087
<211> 453
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (456)...(135)
<223> similar to gil48269 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4087
cgagattcaa tgtccgtacg ccggagatcg tcgtgagcgg aaactgcctg gtgatccccg    60
atatagtctt aatgtggcgc atccacgctc agataacgta ggtagcggtc tacatcggtg    120
tgtaaactcg tcatacgctt tcaatccaac gctccagaag ctccggcaac atcagcgcaa    180
tttcatgaag taactgcgtt cttgcccctt gttgatagtg actggcatcg cgactggtaa    240
acagcacgac acccaaatac gcacgcgttc ccagcatcga catcgccacc gatcccaccg    300
ctttcgcttc cggtagcacc accagcagct ctgggtccgtt aagcggccca agatagtgtc    360
gttcctgccc ctaacgctga atacgcagcg gttcgaaaga ctgacggctt aatgccagat    420
gagtgtggtt cgacggcgca cctaagcgcc agc                                     453

```

```

<210> 4088
<211> 498
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (500)...(32)
<223> similar to gi41565 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```



```

<400> 4088
ataatcaatc tttacacaca agctgtgaat cactccatcc ccagctcttt taacttacgc      60
gtcaggggtgt tgcggcccca gccgagtagc cgcgcgcgtt cctgtttatg cccctgcgta    120
tgtcgcaacg cgggtcgtag taacgtccgc tccagctctg gctgcgcttc ggaaagcaga    180
ttttgatgac cggaacgcag cgctctgtct gccactgcg caagaagcgt cgcccagctg    240
tccggttgca tttgcgaagt actctccgca accgttgatt caaacagttc gccgggcaaa    300
tctgaatca acacttctcg cccggcggcc atcacggtta gccagcggca ggtgttttcc    360
agctggcgca cgttgcctgg ccacgccaga cgcgtcagag cagcttcggt ttccggatgc    420
agtaacttcg cttatacgcc cagttcgcgc gcggcaacct gtaaaaaatg gcgcgccaga    480
cgggcaatat cttccttt

```

<210> 4089

<211> 1500

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(19)

<223> similar to gil825606 in the genepept database release 114,

Run with FASTXY 3.3t00; default parameters

```

<400> 4089
tggaaaactt tcaacatttc atggatagaa taagtaatgg tgggttagaa gaaggaaaac      60
ctgttgatct agttcttagc tgtgtggaca attttgagc tcgaatgaca ataaatacag    120
cttgtaatga acttgacaaa acatggatgg aatctggggg cagtgaaaat gcagtttcag    180
ggcatataca gcttataatt cctggagaat ctgcttgttt tgcgtgtgct ccaccacttg    240
tagttgctgc aatatattgat gaaaagactc tgaaacgaga aggtgtttgt gcagccagtc    300
ttcctaccac tatgggtgtg gttgctggga tcttagtaca aaacgtgtta aagtttctgt    360
taaattttgg tactgttagt ttttacctg gatacaatgc aatgcaggat ttttttcta    420
ctatgtccat gaagccaaat cctcagtgtg atgacagaaa ttgcaggaag cagcaggagg    480
aatataagaa aaaggtagca gcactgccta aacaagaggt tatacaagaa gaggaagaga    540
taatccatga agataatgaa tggggtattg agctggtatc tgaggtttca gaagaggaac    600
tgaaaaatth ttcaggtcca gttccagact tacctgaagg aattacagtg gcatacaca    660
ttccaaaaaa gcaagaagat tctgtcactg agttaacagt ggaagattct ggtgaaagct    720
tggaagacct catggccaaa atgaagaata tgtagataat ggactgggat atattgtatt    780
tctcatgtta aagcctcttc ccttgaaatt aaaaaaaaaa tttaactgat aaaacttagg    840
gcaacattaa ttaatgtata ttcttacctg aattgttata ctttttgaaa atcctgtgac    900
ttgcctgttt ctcccgcctc caacgaaatc attaactctc ctaaaatgtg ttctattcta    960
gtaagaaaac ctcaaaggat attgtaggat ataaatctta cttgaaaaca tagctgttga   1020
aatgttttgg ccttttggag tgggggaagg acaaactctga tctgtaatc tttttcttcc   1080
cagtaatccc ttgtgtctgt tgcattgagg catggacaat aaagtagtat atgacctca   1140
gatacagga gaaggacaag gcatacagct tattgattag agctggcaag catcttctca   1200
ttatgtttgg aattgctttc tataagaaaa ttgccacta ctactaact gatcaacaat   1260
gaattcaaaa tagttaacct atgaaataac atcctctcaa atgtttgctg atgaagtaca   1320
agttgaaatg tagttattgg aaaagtctgt aacctgtgga tcatatatat tcaaagttag   1380
acaaaggcaa ataaaaagca gctattttca tgaatagaca aagttgattt caggaagtat   1440
aaattatatt ctgcaccgaa caagggaaca gaaattattg catctgtgga acatatatct   1500

```

<210> 4090
 <211> 1766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (113)...(742)
 <223> similar to gi3986746 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4090

cccacgcgtc	cggcagaaaa	ccctcgtgga	tgtgactttg	gaaaacagca	acattaagga	60
tcaaatcaga	aatctgcagc	agacgtatga	agcatccatg	gacaagctga	gggaaaagca	120
gaggcagttg	gaggtagcgc	aagttgaaaa	ccagctgcta	aaaatgaagg	tggaatcgtc	180
ccaagaagcc	aatgctgagg	tgatgcgaga	gatgaccaag	aagctgtaca	gccagtatga	240
ggagaagctg	caggaagaac	agaggaagca	cagtgcctgag	aaggaggctc	ttttggaaga	300
aaccaatagt	tttctgaaag	cgattgaaga	agccaataaa	aagatgcaag	cagcagagat	360
cagcctagag	gagaaagacc	agaggatcgg	ggagctggac	aggctgattg	agcgcatgga	420
aaaggaacgt	catcaactgc	aacttcaact	cctagaacat	gaaacagaaa	tgtctgggga	480
gttaactgat	tctgacaagg	aaaggtatca	gcagttggag	gaggcatcag	ccagcctccg	540
tgagcggatc	agacacctaa	atgacatggt	gcattgccag	cagaagaaag	tcaagcagat	600
ggtcgaggag	attgaatcat	taaagaaaaa	gttgcaacag	aaacagctct	taatactgca	660
gcttttagaa	aagatatctt	tcttagaagg	agagaataat	gaactaataa	gcaggttgga	720
ctattttaaca	gaaacccagg	ccaagaccga	agtggaaacc	agagagatag	gagtgggctg	780
tgatcttcta	cccagccaaa	caggcaggac	tcgtgaaatt	gtgatgcctt	ctaggaacta	840
caccccatat	acaagagtcc	tggagttaac	catgaagaaa	actctgactt	aggcactcag	900
aggcatacac	tttttacaga	tggacaaaag	ctctggaacc	ctgtggcttc	aaatcctttg	960
ggaagggtga	ctgttggttc	ccctacacac	agtgtgaagc	ggaatgggaa	tcgctgagga	1020
tctgatccac	ttctaagaca	ggaaggaaag	tgaaggcaga	gtgagcaggt	aagagagggg	1080
tatacaaggt	cacatttcag	acaccctc	ggcataccct	gccgtactgc	atcatcattt	1140
gttttctttg	tagacactga	aatcctatca	ggaggattcc	ttcacaatgt	attttatttg	1200
ctagactttg	gttgggaggg	aaaaggacat	taatttgaag	tttcatgtta	ttcatgccag	1260
gattgttttg	tagagcatga	aggttttggt	taccataaaa	agtattagag	gcagcgtttc	1320
tctgatacag	agaggcctgt	ccacaagaag	catgggcacc	cagccaaact	tgaacctgga	1380
agggaggggt	cccgccctgc	agggtgctct	tcctcttggt	cccaagcatc	tgtgcagggt	1440
cgtgggagcc	acactgagag	acttgtgtgg	gccagacaag	cttcattctg	atgcgctagt	1500
cccttggttt	aattttgtgcc	ttatgctttc	attggaccag	ctgaaatcac	tgtattttatt	1560
caacttgtga	tttttttttc	tttctcactt	taacttaaag	agaattttat	atgtcttgga	1620
aatttaataa	tttagtggtc	tcagtatcaa	ttggtgtttt	tgttaaacga	atgaatcatc	1680
tgttcatgca	tgctctactt	tgatattata	acctatgtca	catgtgttta	ataaatacca	1740
tatattttgt	tctactaaaa	aaaaaa				1766

<210> 4091
 <211> 1455
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(366)
 <223> similar to gi5690449 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4091
 tcatggccct gtggggcatt agttacaatg ctgtgtccct catcaacctg gtctcggcgg 60
 tgggcatgtc tgtggagttt gtgtcccaca ttaccgcgtc ctttgccatc agcaccaagc 120
 ccacctgggt ggagagggcc aaagaggcca ccatctctat gggaagtgcg gtgtttgcag 180
 gtgtggccat gaccaacctg cctggcatcc ttgtcctggg cctcgccaag gccagctca 240
 ttcagatctt cttcttcgcg ctcaacctcc tgatcactct gctgggcctg ctgcatggct 300
 tgggtcttct gcccgctcgc ctcaagctac tggggcctga cgtaaacccg gctctggcac 360
 tggagcagaa gcgggctgag gaggcggtgg cagcagtcag ggtggcctct tgcccaaatc 420
 accctctccg agtctccaca gctgacaaca tctatgtcaa ccacagcttt gaaggttcta 480
 tcaaaggtgc tgggtgccatc agcaacttct tgcccaacaa tgggcggcag ttctgataca 540
 gccagaggcc ctgtctaggc tctatggccc tgaaccaaag ggttatgggg atcttccttg 600
 tgactgcccc ttgacacacg cctcctcaa atcctagggg aggccattcc catgagactg 660
 cctgtcactg gaggatggcc tgctcttgag gtatccaggc agcaccactg atggctctc 720
 tgctcccata gtgggtcccc agtttccaag tcacctaggc cttgggcagt gcctcctcct 780
 gggcctgggt ctggaagttg gcaggaacag acacactcca tgtttgtccc acactcactc 840
 actttcctag gagccactt ctcacccaac ttttcccttc tcagttcctc tctcgaaagt 900
 cttaattctg tgtcagtaag tctttaacac gtagcagtggt ccctgagaac acagacaatg 960
 accactaccg tgggtgtgat atcacaggag gccagagaga ggcaaaggct caggccaaga 1020
 gccaacgctg tgggaggccg gtcggcagcc actcctcca gggcgacact gcaggtctgc 1080
 catccacggc cttttctggc aagagaaggg cccaggaagg atgctctcat aaggcccagg 1140
 aaggatgctc tcataagcac cttggtcatg gattagcccc tcttgaaaaa tgggtgtggg 1200
 tttggtctcc agctccaata cttattaagg ctgttgtctg cagtcaaggc caccaggag 1260
 tctgaaggct gggagctctt ggggctgggc tgggtcctcc atcttcacct cgggcctgga 1320
 tcccaggcct caaacagcc caaccgagc ttttgacag ctctccagaa gcatgaactg 1380
 cagtggagat gaagatcctg gctctgtgct gtgcacatag gtgtttaata aacatttggt 1440
 ggcagaaaaa aaaaa 1455

<210> 4092
 <211> 1784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (274)...(840)
 <223> similar to gi3875250 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4092
 cggcagcagc tgaccacaga agcttatgaa tgggagccac gtgttgtgag tacagaggtg 60

gtcagagccc	aagaagaatg	ggaagctgtg	gacaccatcc	agccagagac	agggagccaa	120
gctagctcag	agcagcctgg	gcagctaate	tccttcagtg	aggccctgca	gcacttccag	180
actgtggacc	tttccccctt	caagaaaaga	atccagccaa	ctattcgaag	gactgggctc	240
gccgccctcc	gacactacct	cttcgggcct	ccaaagctcc	accagcgctt	tcgggaagaa	300
agggaacttg	tcctgaccat	tgctcagtg	ggcctggata	gccaagaccc	agtgcattgg	360
cgagtcctcc	agaccatcta	taagaagctg	accggctcca	agtttgactg	tgcccttcat	420
ggaaaccact	gggaggacct	gggctttcag	ggagcgaatc	cagccacaga	cctgagaggc	480
gcaggcttcc	ttgccctcct	gcattctgctc	tacctgggtga	tggactcaaa	gaccttgccg	540
atggcgcagg	agatttttccg	cctgtctcgt	caccacatcc	agcaattccc	tttctgtttg	600
atgtccgtga	acatcaccca	cattgccatc	caggccttga	gagaggagt	tctctccaga	660
gagtgtaatc	ggcagcagaa	ggcattcccc	gtgggtgaaca	gcttctatgc	cgccacattc	720
ctccacctcg	cacatgtctg	gaggacacag	cggaagacca	tctcagactc	gggctttgtc	780
ctcaaagagt	tggaagtatt	ggccaagaag	agcccacggc	ggctgctcaa	gaccttgagg	840
ctgtacttgg	ccagggtgtc	aaagggacag	gcctccttgt	tgggagcaca	gaagtgttat	900
gggccagaag	cccctccctt	caaggatctc	accttcacag	gtgagagtga	cctgcagtct	960
cactcatccg	aaggcgtatg	gctgatctga	cctccgagat	gaatggaggc	ttaaaggctg	1020
agctgcaggg	gctttcaggg	ggtcagtggg	gccatgtcag	gagcctggcc	aggccgcacc	1080
ccttgctgtc	tcagcagatg	ggatatagga	agctcctggg	cttagctgtg	ggaagccaag	1140
tacctcacc	ggcatgggac	atgaggggca	gctagacttc	accccccttc	cgcagacctg	1200
cctccagagc	aaggagaatt	ctgccttaat	ctgttgggct	ccagtctccg	ggttgaattc	1260
cagtgtatcc	cactgggagt	gaatggatca	tgaggtggga	tggccccatc	tggatgttct	1320
gcagatcccc	acatgggagg	agattcccaa	gtagaggcag	ccagaattct	gactccctgg	1380
cagcagcagg	gctttcaggc	accagtgtct	gtgttggttag	aactcagagg	aagaggcagg	1440
ggcagcagcc	gcaggggggc	agcatgaccc	aagcaagggg	cctgaggcct	cagtgggggt	1500
agggcaagga	ggtacctcac	aggtgggtgt	gaggccccct	ctggagtttc	tggccattca	1560
cttaccact	ctcttctccc	cctgaccccc	gctccattgt	ttatgatgga	aaaacggaca	1620
tttggctagg	tgtctctcac	ggctgctcca	tcctagcccc	cacaagctgg	ggcttcctcc	1680
tgtagatgct	gtgcatgccc	catgatgagt	ttctggccta	attgagggaa	ggaggaaatt	1740
cataccagca	gttttcaa	aaaagaattg	ttctaaaaaa	aaaa		1784

<210> 4093

<211> 6723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3646)

<223> similar to gil63522 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4093

gccggggctc	aaccgggagt	gcacgccttg	caactcaagc	ccgtgtgcgt	gtcggacagc	60
ctcaagaagg	gcaccaaatt	cgtcaagtgg	gatgatgact	caactattgt	tactccaatt	120
attgtgagga	ctgaccttca	gggatttttc	ttttactgga	cagatcaaaa	caaggagaca	180
gagctactgg	atctcagcct	tgtcaaagat	gccagatgtg	ggagacacgc	caaagctccc	240
aaggacccca	aattacgtga	actttttggt	gtggggaaca	tcggg'gcct	ggagcagcgc	300
atgatcacag	tggtgtatgg	gcctgacctc	gtgaacatct	cccatttgaa	tctcgtggct	360
ttccaagaag	aagtggccaa	ggaatggaca	aatgagggtt	tcagtgttgg	aacaaacctg	420
ctggcccaaa	acatgtccag	ggatgcattt	ctggaaaaag	cctatactaa	acttaagctg	480

caagtcactc	cagaagggcg	tattcctctc	aaaaacatat	atcgcttggt	ttcagcagat	540
cggaagcgag	ttgaaactgc	tttagaggct	tgtagtcttc	catcttcaag	gaatgattca	600
atacctcaag	aagattttac	tccagaagtg	tacagagttt	tcctcaacaa	cctttgcccc	660
cgacctgaaa	ttgataacat	cttttcagaa	tttggtgcaa	aaagcaaacc	atatcttacc	720
gttgatcaga	tgatggattt	tatcaacctt	aagcagcgag	atcctcgggt	taatgaaata	780
ctttatccac	ctctaaaaca	agagcaagtc	caagtattga	ttgagaagta	tgaacccaac	840
aacagcctcg	ccagaaaagg	acaaatatca	gtggatgggt	tcatgcgcta	tctgagtggg	900
gaagaaaacg	gagtcgtttc	acctgagaaa	ctggatttga	atgaagacat	gtctcagccc	960
ctttctcact	atttcattaa	ttcctcgcac	aacacctacc	tcacagctgg	ccaactggct	1020
ggaaactcct	ctgttgagat	gtatcgccaa	gtgctcctgt	ctggttgtcg	ctgtgtggag	1080
ctggactgct	ggaagggacg	gactgcagaa	gaggaacctg	tcatcaccca	tggcttcacc	1140
atgacaactg	aaatatcttt	caaggaagtg	atagaagcaa	ttgcggagtg	tgcattttaag	1200
acttcacctt	ttccaattct	cctttcgttt	gagaacctatg	tggattcccc	aaagcagcaa	1260
gccaaagatg	cggagtactg	ccgactgac	tttggggatg	cccttctcat	ggagccccctg	1320
gaaaaatatc	cactggaatc	tggagtctct	cttccaagcc	ctatggattt	aatgtataaa	1380
attttgggtg	aaaataagaa	gaaatcacac	aagtcatcag	aaggaagcgg	caaaaagaag	1440
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aaatcttcaa	tggatgaggg	gactgctgga	agtgaggcta	tggccacaga	agaaatgtct	1620
aatctgggtg	actatatcca	gccagtcaag	tttgagtcat	ttgaaatttc	aaaaaaaaaga	1680
aataaaaagt	ttgaaatgtc	ttccttcgtg	gaaaccaaag	gacttgaaca	actcaccaag	1740
tctccagtgg	aatttgtaga	atataacaaa	atgcagctta	gcaggatata	tccaaaagga	1800
acacgtgtgg	attcatccaa	ctatatgcct	cagctcttct	ggaatgcagg	ttgtcagatg	1860
gtggcactta	atttccagac	aatggacctg	gctatgcaaa	taaaatgggg	gatgtatgaa	1920
tacaacggga	agagtggcta	cagattgaag	ccagagttca	tgaggaggcc	tgacaagcat	1980
tttgatccat	ttactgaagg	catcgtagat	gggatagtg	caaacacttt	gtctgttaag	2040
attatttcag	gtcagtttct	ttctgataag	aaagttggga	cttacgtgga	agtagatatg	2100
tttggtttgc	ctgtggatac	aaggaggaag	gcatttaaga	ccaaaacatc	ccaaggaaat	2160
gctgtgaatc	ctgtctggga	agaagaacct	attgtgttca	aaaaggttgt	tcttcctact	2220
ctggcctggt	tgagaatagc	agtttatgaa	gaaggaggta	aattcattgg	ccaccgtatc	2280
ttgccagtgc	aagccattcg	gccaggctat	cactatatct	gtctaaggaa	tgaagggaac	2340
cagcctctga	cgctgcctgc	tgtctttgtc	tacatagaag	tgaagacta	tgtgccagac	2400
acatatgcag	atgtcatcga	agctttatca	aacccaatcc	gatatgtgaa	cctgatggaa	2460
cagagagcta	agcaattggc	tgctttgaca	ctggaagatg	aagaagaagt	aaagaaagag	2520
gctgatccctg	gagaaacacc	atcagaggct	ccaagtgaag	cgagaacgac	tccagcagaa	2580
aatgggggtg	atcacactac	aacctgaca	cccaagccac	cctcccagge	tctccacagc	2640
cagccagctc	caggttctgt	aaaggcacct	gccaaaacag	aagatcttat	tcagagtgtc	2700
ttaacagaag	tggaagcaca	gaccatcgaa	gaactaaagc	aacagaaatc	gtttgtgaaa	2760
cttcaaaaag	aacactacaa	agaaatgaaa	gacctggtta	agagacacca	caagaaaacc	2820
actgacctta	tcaaagaaac	cactaccaag	tataatgaaa	ttcagaatga	ctacttgaga	2880
aggagagccg	ctttggaaaa	gtccgcaaaa	aaggacagta	agaaaaagtc	ggaacccagc	2940
agccctgatc	atgggttcac	aacgattgag	caagacctcg	ctgctctgga	tgtgaaatg	3000
acccaaaagt	taatagactt	gaaggacaaa	caacagcagc	agctgcttaa	tcttcggcaa	3060
gaacagtatt	atagtgaaaa	ataccagaag	cgagaacata	ttaaactgct	tattcaaaaag	3120
ttgacggatg	tcgcagaaga	gtgtcagaac	aatcagttaa	agaagctcaa	agaaatctgt	3180
gagaaggaaa	agaaagaatt	aaagaagaaa	atggataaaa	agaggcagga	gaagataaca	3240
gaagctaaat	ccaaagacaa	aagtcagatg	gaagaggaga	agacagagat	gatccggtca	3300
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tatttttatg	aaaattattt	tatttaactt	taagcaataa	ctagagatta	caattaaatt	5460
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gttttgtgcc	tttatgtatt	tgcttgttcc	tttgtcgaat	gtgtgaaatt	ctgtactggg	6180
gtttttccta	taatagaaaag	tagagctgtg	tattaaatta	gactgtgtct	ctctgatacc	6240
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tggattggac	gttgtgactc	ttgcctttta	agaagaaaaa	aaagatagga	caaagtattt	6540
gaagctctta	aaatgtacat	attttggttc	ttctatctca	aattatttaa	aatgcataat	6600
tcacattttt	gtaataattc	tatgcaattt	tgtggcatga	tgtttcttcc	acttgaattt	6660
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ggt						6723

<210> 4094
 <211> 1987
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (83)...(1836)
 <223> similar to gi4960047 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4094
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 cccgcgggag cccccagcat gggaaattaa aagagagacg gaattcaagg atgacagttt 120
 gcccatcaaa cgggaaaggc atgggaatgt agcaagtctt gtacaacgaa taagcaccta 180
 tggacttcca gctggaggaa ttcagccaca tccacaaacc aaaaacatta agaagaagac 240
 caagaagcgt cagtgtaaaag ttctttttga gtacattcca caaaatgagg atgaactgga 300
 gctgaaagtg ggagatatta ttgatattaa tgaagaggta gaagaaggct ggtggagtgg 360
 aaccctgaat aacaagttgg gactgtttcc ctcaaatttt gtgaaagaat tagaggtaac 420
 agatgatggt gaaactcatg aagcccagga cgattcagaa actgttttgg ctgggcctac 480
 ttcacctata ccttctctgg gaaatgtgag tgaaactgca tctggatcag ttacacagcc 540
 aaagaaaatt cgaggaattg gatttggaga cattttttaa gaaggttctg tgaaacttcg 600
 gacaagaaca tccagtagtg aaacagaaga gaaaaaacca gaaaagccct taatcctaca 660
 gtcactggga cccaaaactc agagtgtgga gataacaaaa acagataccg aaggtaaaat 720
 taaagctaaa gaattattga gaacattatt tgcctatgaa ggtactaatg aagatgaact 780
 tactttttaa gagggggaga taatccattt gataagtaag gagactggag aagctggctg 840
 gtggaggggc gaacttaatg gtaaagaagg agtatttcca gacaattttg ctgtccagat 900
 aatgaactt gataaagact ttccaaaacc aaagaaacca ccacctcctg ctaaggctcc 960
 agctccaaag cctgaactga tagctgcaga gaagaaatat ttttctttaa agcctgaaga 1020
 aaaggatgaa aaatcaacac tggaacagaa accttctaaa ccagcagctc cacaagtccc 1080
 acccaagaaa cctactccac ctaccaaagc cagtaattta ttgagatctt ctggaacagt 1140
 gtacccaaag cgacctgaaa aaccagttcc tccaccacct cctatagcca agattaatgg 1200
 ggaagtttct agcatttcat caaaatttga aactgagcca gtatcaaaac taaagctaga 1260
 ttctgaacag ctgcccctta gaccaaaatc agtagacttt gattcactta cagtaaggac 1320
 ctccaaagaa acagatgttg taaattttga tgacatagct tcctcagaaa acttgcttca 1380
 tctcactgca aatagaccaa agatgcctgg aagaaggttg ccgggccggt tcaatgggtg 1440
 acatttctca actcacagcc ccgaaaaaat cttgaagtta ccaaaagaag aagacagtgc 1500
 caacctgaag ccatctgaat taaaaaaaaga tacatgctac tctccaaagc catctgtgta 1560
 cctttcaaca ccttccagtg cttctaaagc aaatacaact gctttcctga ctccattaga 1620
 aatcaaagct aaagtggaaa cagatgatgt gaaaaaaaat tccctggatg aacttagagc 1680
 ccagattatt gaattgttgt gcattgtaga agcactgaaa aaggatcacg ggaaagaact 1740
 ggaaaaactg cgaaaagatt tggaagaaga gaagacaatg agaagtaatc tagagatgga 1800
 aatagagaag ctgaaaaaag ctgtcctgtc ttcttgagtg gtgtggacct ggtgttcata 1860
 atgttccagg gattcagaag caacgctatg aacttcagct gacttggtac ttaaaaaatt 1920
 gtgaattctg ttgttgtgat aaatatgagc aaatgaagtg taatatctat agaaaagtag 1980
 agtgagg 1987

<210> 4095
 <211> 1326
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (222)...(1071)

<223> similar to gi487785 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4095

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cggtaccca gcaggacca gatggcagt gagccagttt ctcattctt gccaggggca 60
cccagccgca tggctacct gccagaagt tacacagccc cagtgatcag tgcccacca 120
gagcaaagac cccagagcct ggagcccagc agtctggctt cctacactc tcgaggagcc 180
ctcctggccc agcaggaagc tccccaaagc agggggcgac gtaccgggtg ggagagtgtg 240
gcaaggcatt cctacagctg tgccacctaa agaagcacgc atttggtgcac acgggccaca 300
agccctttct ttgactgag tgtggcaaga gctatagctc agaggagagc ttcaaagccc 360
atatgctggg ccaccgtggg gtgcgccct tcccctgtcc acaatgcgac aaggcctatg 420
gcacccagcg agacctcaaa gagcaccagg tggtagattc aggtgcccgg ccctttgctt 480
gtgaccagtg tggcaaggcc tttgcccgc ggccctccct gcggctgcat cgcaagaccc 540
accaggtgcc agctgcccct gccccttgcc catgcccgtg gtgtggggcg cccctggcca 600
accagggtc cctgcggaac catatgaggc tccatacagg agaaaagcct ttctgtgccc 660
cgactgtgg ccgggcgctt cgtcagcggg gcaacctgcg tgggcatttg cggtccaca 720
ccggggagcg tcttaccgc tgcccacact gtgcccgtgc cttccccag ctgctgaac 780
tgcggcgcca tctcatctca cacaccgggg agggccact gtgcccgggtg tgtggcaagg 840
ccctccgaga cccacacacg ctccgagctc acgagccct gactccgga gagaggccct 900
ttccctgtcc ccagtgtggc cgtgcttaca cgctggccac caagctgcgg cgccacctca 960
aatctcactt ggaggacaag ccctaccgct gcccacctg tggcatgggc tacaccctcc 1020
cgcagagcct caggcgcat cagctcagtc accggcctga ggcaccctgc agccaccct 1080
ctgtgccttc tctgtcttct gagccactg tgggtgctct gcaggctgag ccacaactgc 1140
tggaacaca cagagaggag gaagtctccc ccgccaggga tgttgttgag gtcaccattt 1200
cagaaagcca ggagaagtgc tttgtggtgc cagaggagcc agatgccgcc cccagcctgg 1260
tgctaattca taaggacatg ggcctcggcg cctgggcaga ggtggtggag gtggagatgg 1320
gcacct 1326
```

<210> 4096

<211> 1803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1764)...(582)

<223> similar to gil652625 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4096

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ttttttgccc caaggggggt taagtgggtt acccccggg tttccccgc cccgcggtgt 60
taaaacgcgg gccgggaat tgaatttggg ggcccatta aaaaaatttt tccttgcccg 120
cccggggtag gtaaactggg tcccataaaa cgggcccccc cttttttttt tttttccaga 180
atgcctttat tttcagtatc atagaattta aatacagagt caaaagatga tttataaaat 240
ataaaacatt ttctgcttgg ccgtatttga agacaagctg aatacatatc tatgttctga 300
ataagtccac tatggatata tataggaaga gatatacata tatccatcca cagatacaca 360
```


cacacatata	tattttctgca	tgtatatata	cataattctt	tctatagtta	caggaaatac	420
ttcttctata	attctgattt	tgactcccat	cctccaccat	ttactcatcc	actcattacc	480
taaactcttg	ctttctttcc	tatattgtaa	ataatccatc	caaacttcta	gccagtactg	540
tcaggagggt	tcttgctcga	gtgagctggt	aatactatct	tccactgaca	acttctgcac	600
atcgaggaca	cagtgtatct	gaagactccg	ctgtatactt	ccaacaacgg	gggcattttt	660
ctttcgtagt	cggcatgaca	attactttat	aggaagactc	ttcacgaata	tcaccacctt	720
ctaagttgat	gaggaatttc	cctttaaget	cgattacatc	tgcagtcac	tctcgtgggt	780
cctgagccag	taaagttgac	tcagaagcca	tcattaattc	attcaactga	gagggtgctg	840
aagtctcttc	agactgcagc	atctctatta	tctcaaaaag	cagtccaggt	tctatcacag	900
tgataacctt	gtactcagct	gcatttttgc	cagggatgct	tccaagaaat	gagtctcgca	960
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cctcttcagc	cagggtgagga	agaatgggag	caaaagaacg	aactattaca	tccaaaattt	1140
caactaatgc	agtctgacaa	gagcgtcggt	tggggctcatt	ttccttttca	caatagagcc	1200
tatctttgat	tatactgaaa	taaaagttag	agagctctct	ggtataaaac	gtccgtaaca	1260
gccgaacaac	ttttccaaaa	tcatattggt	tgtataattc	ggtaatcttg	tttgccaaat	1320
cctgcagtaa	gtgtagcatg	tactgggtct	tgacatacat	atcgttttaca	gggatggaat	1380
ctgtttctgg	gttgaaatca	gccacatttc	ccaaaagaaa	gcgaagtgt	ttcctaagct	1440
tgctaataatc	atctctggca	gcattgagca	cggatggggc	aattgcaact	tcgggtgaaga	1500
cattggaatc	agctaccac	cagcgaagga	catcagcacc	atacggaggc	tctttgcttt	1560
gatcttgtcc	tccattaacg	acaacatcag	gatgaatgac	attcccaaga	gacttggaca	1620
tcttttctcc	cttttctcca	agggtaaate	catgaacaat	cactgtctta	taagggtgctc	1680
tcttccttgc	tgccacactt	gttaataagg	atgactgaaa	ccaacccccg	agctggtctt	1740
ttccttccaa	gtacaaatct	gctctttggg	caggacctgg	aagaacataa	gaccatgaag	1800
ttc						1803

<210> 4097

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (748)...(176)

<223> similar to gi606661 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4097

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gcaccaaata	ttccacttaa	atgcatatac	agtattagag	tcaaaaacta	ttttatccct	120
ctttgctggt	tttccccctt	ctgcccactt	tctgggtgt	tggggggggc	cgctgacaac	180
agtcacaaat	ccagcgacct	gatggaatag	caccaaggcc	cacacaaaaa	gtatgataac	240
ctctgtcaca	catatcacag	aacatcattt	cttcttcatg	gtgggggtgt	ccacatataa	300
tgcattgttt	acattccata	cactgccatg	ggtaggtctt	aatcatagaa	acaagctcca	360
ttgtcatatc	caggcaagaa	ggatggccac	tattctcaca	ttgggagcag	tgtataagt	420

attcagcctt	tcctttcttg	ttggactcct	tacccttcag	acaaattcca	catatagcat	480
ttggaatgac	ctttggcttg	tacccaggaa	ctgacttgga	cagtacagaa	cgtttgggac	540
catcttttct	tggagtggca	gctttgtctt	ttgatttctg	tcttccctgg	aaagagtcct	600
cctggctgtc	aggagggcct	tccccttcag	atacattgcc	agaggagctg	tccgaagtgc	660
ctttattttt	ccgtttctca	tcacctcgac	catcttcgcc	atcatctgaa	tcacccatcac	720
tgtctagagc	agggagctca	ggatccctcg	tgccgaattc	gtgcagcgca	atcgagggnt	780
cgcgt						785

<210> 4098

<211> 2035

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (153)...(832)

<223> similar to gi929571 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4098

cggcaccgat	ccgcaattcc	eggatcgacg	atttcgtgcg	cagagtggag	tcaaaggcaa	60
ccagtgtctg	ctgcggtctc	tggggatcgg	gaccgcggcg	gcggcccgcg	agcgggatgt	120
tccggggcct	gagcagttgg	ttgggcttgc	agcagccggt	ggcaggcggt	gggcagccca	180
atggagatgc	tccacccgag	cagccgtccg	agacggtggc	tgagtctgcg	gaggaggagc	240
tgcagcaagc	gggagaccag	gagctcctcc	accaggccaa	agacttcggc	aactatttat	300
ttaactttgc	atctgtctgc	acaaaaaaga	taactgaatc	agttgctgaa	acagcacaaa	360
caataaagaa	atccgtagaa	gaaggaaaaa	tagatggcat	cattgacaag	acaattatag	420
gagattttca	gaaggaacag	aaaaaatttg	ttgaagagca	acatacaaag	aagtcagaag	480
cagctgtgcc	cccatgggtt	gacactaacg	atgaagaaac	aattcaacaa	caaattttgg	540
ccttatcagc	tgacaagagg	aatttccttc	gtgaccctcc	ggctggcggt	caatttaatt	600
tcgactttga	tcagatgtac	cccgtggccc	tggtcatgct	ccaggaggat	gagctgctaa	660
gcaagatgag	atttgccctc	gttcctaaac	ttgtgaagga	agaagtgttc	tggaggaact	720
acttttaccg	cgtctccctg	attaagcagt	cagcccagct	cacggccctg	gctgcccac	780
agcaggccgc	agggaaaggag	gagaagagca	atggcagaga	gcaagatttg	ccgctggcag	840
aggcagtacg	gccccaaaacg	ccaccgttg	taatcaaatc	tcagcttaaa	actcaagagg	900
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cctgtaacct	aaatcaggaa	gatctaagga	aagaaatgga	gcaactagtg	cttgacaaaa	1020
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aggaacttca	agaatatgaa	gtggtgacag	aatctgaaaa	acgagatgaa	aactgggata	1140
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cttaacagtc	tgcaaaactga	cattaaattc	tagatgttga	caattactga	atcagaaggc	1260
atgaaagagt	ataattttat	gaaattcaaa	attattcttt	tttcaagttg	aaacttgcct	1320
cttctacttt	aaaaaagtat	atagaacagt	tacttcta	aatcagaaag	agatgtttta	1380
tagaacattt	ctttaatata	aagttagaga	tgtcttcata	ggcagtatgg	ctatctttgc	1440
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ttcctcagtc	atggtttttct	aaatatctgt	actccacatt	ccattttaat	tgatatgagg	1560
gtgttaaagt	acctacttaa	tggggttgat	tactacaaaa	atgaccaa	tataccaaag	1620
aacttaagag	gaagcacttt	cagaactatt	cacttgccag	gtattttcta	aaattccacc	1680
tgaaagccaa	aagataaaat	aaataagttg	attttaatga	tataagcatc	acacaatttt	1740
acattaagaa	atactgtgca	ggccatgcgt	ggtggctcag	gcctgtgatc	ccagcacttt	1800

gggaggccga	ggtgggcgga	tcaccggagg	tcaggagttc	gagaccagcc	ttgccaacat	1860
ggtgaaaccc	tgtctctact	gaaaatacaa	aagttggccg	ggcatggtgg	cgggcacctg	1920
tgatcccagc	tactagggag	gcttttgaac	gccaggaggc	ggaggttgcg	gcgagctggg	1980
atcgcgccac	tgactccag	cctgggtgat	agagtgaat	tcagtctcaa	aaaaa	2035

<210> 4099

<211> 1348

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (235)...(818)

<223> similar to gi3925215 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4099

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gaaatggcag	agaatggaaa	aaattgtgac	cagagacgtg	tagcaatgaa	caaggaacat	180
cataatggaa	atttcacaga	cccctcttca	gtgaatgaaa	agaagaggag	ggagcgggaa	240
gaaaggcaga	atattgtcct	gtggagacag	ccgctcatta	ccttgacgta	tttttctctg	300
gaaatccttg	taatcttgaa	ggaatggacc	tcaaaattat	ggcatcgtca	aagcattgtg	360
gtgtcttttt	tactgctgct	tgctgtgctt	atagctacgt	attatgttga	aggagtgcac	420
caacagtatg	tgcaacgtat	agagaaacag	tttcttttgt	atgcctactg	gataggctta	480
ggaattttgt	cttctgttgg	gcttggaaac	gggctgcaca	cctttctgct	ttatctgggt	540
ccacatatag	cctcagttac	attagctgct	tatgaatgca	attcagttaa	ttttcccgaa	600
ccaccctatc	ctgatcagat	tatttgtcca	gatgaagagg	gcactgaagg	aaccatttct	660
ttgtggagta	tcatctcaaa	agttaggatt	gaagcctgca	tgtggggtat	cggtagacga	720
atcgagagc	tgccctccata	tttcatggcc	agagcagctc	gcctctcagg	tgctgaacca	780
gatgatgaag	agtatcagga	atttgaagag	atgctggaac	atgcagagtc	tgacaaaaaa	840
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gggtgggtgg	atcgcttgag	gtcgggagtt	cgggaccggc	ccggctaatt	ttttgtattt	960
tcagtagaaa	tgggatttca	tcatgttggc	caggctggtc	ttgatctect	gacctcagat	1020
gatccgcccc	cctccgcctc	ccaaagtgtc	gggattacag	gcgtgagcca	ctgcaccggg	1080
cctcaagata	tatttttagag	gtagaattga	caaggcttga	caacagatta	aatgaggagg	1140
atgaaggaga	gggaggagtc	cgggatgacc	ctcccatttc	tggcttcagc	agttgggcag	1200
atgatactgt	cattcactaa	gactggaaac	acctgaggat	agacaagtct	cagtgaaaag	1260
tggtgattcc	actttgggac	ccacttgagt	ttgagatgcc	ccgagaacct	caagcagaca	1320
cgcttggcag	gcaacacaga	tcgtcacc				1348

<210> 4100

<211> 3285

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1795)
 <223> similar to gi4558756 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4100

atggcatttc	aggcaagcca	caggccagcc	tggggaaaaa	gcaggaagaa	aaactggcaa	60
tacgagggcc	caacccaaaa	gttattcctg	aagagaaaca	acgtgtcagc	accagatggg	120
ccttcagacc	ccagcatctc	cgcgagcagt	gagcaaagcg	gggcacagca	gcctcccggg	180
ttacaggttg	aaaggattgt	tgacaaaagg	aaaaataaaa	aagggaagac	agagtatttg	240
gttcgggtga	aaggctatga	cagcgaggac	gacacttggg	agccggaaca	gcacctcgtg	300
aactgtgagg	aatacatcca	cgacttcaac	agacgccaca	cggagaagca	gaaggagagc	360
acattgacca	gaacaaacag	gacctctccc	aacaatgcta	ggaaacaaat	ctccagatcc	420
accaacagca	acttttctaa	gacctctcct	aaggcactcg	tgattgggaa	agaccacgaa	480
tccaaaaaca	gccagctgtt	tgctgccagc	cagaagttca	ggaagaacac	agctccatct	540
ctctccagcc	ggaagaacat	ggacctagcg	aagtcaggta	tcaagatcct	cgtgcctaaa	600
agccccgtta	agcagaggac	cgcagtggac	ggctttcaga	gcgagagccc	tgagaaactg	660
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caccactag	tgctcagggt	gcccggccct	gtgactgcag	ccatggccac	aggcttagct	840
gttaacggga	aaggtacatc	tccgttcatt	gatgcattaa	cagccaatgg	gacaaccaac	900
atacagacat	ctgttacagg	agtgactgcc	agcaaaagga	aattttattga	cgacagaaga	960
gaccagcctt	ttgacaagcg	attgctgttc	agcgtgaggc	aaacagaaag	tgcttacaga	1020
tacagagata	ttgtgggtcag	gaagcaggat	ggcttcaccc	acatcttggt	atccacaaag	1080
tcctcagaga	ataactcact	aaatccagag	gtaatgagag	aagtccagag	tgctctgagc	1140
acggccgctg	ccgatgacag	caagctggta	ctgctcagcg	ccgttggcag	cgtcttctgt	1200
tgtggacttg	actttattta	ttttatacga	cgtctgacag	atgacaggaa	aagagaaagc	1260
actaaaatgg	cagaagctat	cagaaaacttc	gtgaataact	tcattcaatt	taagaagccc	1320
attattgtag	cagtcaatgg	cccagccatt	ggcttaggag	catctatatt	gcctctttgc	1380
gatgtggttt	gggctaataa	aaaggcttgg	tttcaaacac	cctataccac	cttcggacag	1440
agtcagatg	gctgttctac	cgttatgttt	cccaagataa	tgggaggagc	atctgcaaac	1500
gagatgctgc	tcagtggacg	gaagctgaca	gcgcaggagg	cgtgtggcaa	gggcctgggc	1560
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ggactgggaa	catccacgct	atattattat	gaggagtttt	aaagtactgt	aactttaaaa	1980
taaataacta	caaagcttct	ttgtccaaac	gtcattatct	tatacttata	tacacgcagg	2040
tgtaaaagta	taaagggtgag	cactagactg	ctcttagaag	ctctaatttt	tgttttcttt	2100
ggctagtact	gtataaaaaa	cagaatttgt	ttttatttgt	tttggtatgac	agaaaagtct	2160
ggaataatgt	ttgttttcct	catttcttcc	ttctagaaca	cagaatctaa	aggggtatta	2220
gccagcctcg	cctccctgcc	ccacgtagag	acacagagtg	atgtgaggcg	ttggcttttt	2280
ctccaagaag	gtacagatac	ctcagattcg	ggaaactcaa	aatcaaaaga	cttagcttct	2340
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accaggttaa	catgaagaaa	ccactgtctc	tagaagaaa	cttgttttgc	agtattagt	2520
aatcactgaa	tagcttaagt	atgactatct	aagttataag	ttagtcttta	gtgggtttta	2580
aatagttttt	ctgacccttc	tgaaaaataa	ctacataagt	gcttcttggt	gctgggtgag	2640
aaatactact	ttatagacag	ttttgggttt	ctgtttgcag	gtatggattg	atgtatttca	2700
ccaaaataaa	atatttttat	gtttataaa	tgtaattttt	aggttcactt	agaatatatt	2760
ttatttaata	agttaaaatt	cttttggcac	actattaaat	gcaaaaactc	ctttcaaaac	2820

aaaaaagaac	taccttatat	tcaacattta	atgttcttgg	cctctgcttt	tatgtctata	2880
caatatactg	agttcagtat	ggtgtccaag	agtgcctgt	gtggatagac	atgtgcactc	2940
cttccaggag	tgggtactga	ttccagactc	cagatgccta	ttattagtta	ggcttctgag	3000
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aagttttatac	ttagaactga	ccacctcccc	ggccacgcgg	agagctgtac	agtgtgtaaa	3120
tctgccttta	tottggattg	attggtacag	tatttttgca	tctgtgggac	ctaccttttc	3180
gttcagtagt	ttgaactata	tataaactgt	acaatcctgt	aaaagttttt	atagaataaa	3240
tattcagctg	tgaaaactgg	ttaaataaaa	ctaatttttc	ttaac		3285

<210> 4101

<211> 2982

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1263)

<223> similar to gi961446 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4101

tggagatttc	catcatggcg	gcgtccattt	cgggctacac	cttcagtget	gtgtgtttcc	60
acagcgccaa	cagcaacgcg	gaccacgaag	gatttttact	gggagaggta	agacaagagg	120
aaacgttttag	catcagtgac	tcacaaatca	gcaacacaga	atttctgcaa	gtaattgaaa	180
tccataacca	tcagccttgt	tcaaaacttt	ttagttttta	tgactacgca	agcaaagtga	240
atgaggagag	tttgacagg	attcttaaag	atcggagaaa	gaaagtcatt	gggtggtaca	300
gattccggcg	caatacgag	cagcagatgt	cctacagaga	gcaggttctt	cacaagcagc	360
tcacccgcat	cctcggcggtg	cccgcctcg	tctttcttct	cttcagcttc	atctccactg	420
ccaacaattc	cactcacgct	ttagaatatg	tgctcttcag	accaaataga	aggtataatc	480
agaggatata	actcgtatt	cccaatctag	gaaatactag	ccagcaagag	tacaaagtgt	540
cttcagtgcc	aaatacttct	cagagttatg	ccaaagtgat	taaagaacat	ggtactgact	600
tttttgacaa	ggatggagta	atgaaagaca	tcagggcgat	ttatcaggtt	tataatgcac	660
ttcaggagaa	agttcaggca	gtgtgtgcag	atgttgaaaa	gagtgaagca	gttgttgaat	720
cttgtcaggc	agaagtgaac	aaattaagaa	gacaaatcac	tcagaggaaa	aatgaaaagg	780
aacaagaaag	aagattgcag	caggcagtg	taagcagaca	gatgccgtct	gaaagcttgg	840
accagcggtt	cagtcctcgg	atgccgtcct	ctgggtttgc	agctgaaggc	agaagtacac	900
ttggagatgc	agaggcctcg	gatcctctct	ccccttactc	tgattttcac	ccaaacaatc	960
aagaaagtac	tttgagccac	tctcgcatgg	aaaggagtgt	ctttatgcct	cgacctcaag	1020
ctgtgggctc	ttccaattat	gcttccacca	gtgccggact	gaagtatcct	ggaagtgggg	1080
ctgaccttcc	tctcccccaa	agagcagctg	gagacagtgg	tgaggattca	gacgacagtg	1140
attatgaaaa	tttgattgac	cctacagagc	cttctaatag	tgaatactca	cattcaaagg	1200
attctcgacc	catggcacat	cccgcagagg	accccaggaa	cactcagacc	tcccagattt	1260
aactaaacaa	aagaaactct	ccacctagca	ctgtttttct	tcattgctta	ctgagagggt	1320
ttttgagaac	ttaatctggg	gggagaactg	ctttctcaga	taccttaact	cccgagaaga	1380
gagtccttgt	gcacagaact	tgtgggagcc	tccatccgct	gctctttacc	tttgatata	1440
gtgtgcaagt	ttcatgacag	aatcattaag	ataatcaa	tgctctaatt	ctggtgcgat	1500
tcatggatat	actggtaaat	ttaggcaaag	tgaaacttta	tccagcggta	gtttctgttc	1560
tttaaaataa	attggaaatt	agagacctaa	gcacaattag	tcctataaat	ggttcctata	1620
aatcaaaagc	ttaccctctt	gcactatcat	gccttgaaat	ttactttttc	aaagggaaac	1680
aagtttagca	gcagccttca	aagaacttct	ttctatgatg	agcccaaatt	catctttgcc	1740

agaaaagaaa	ttttgataat	tccaagaagc	ctgattagaa	caaatacagat	ataccttctc	1800
ttgtctgcat	gactttgtga	gataaaaagag	agggcttcca	acttttttct	actagcttga	1860
tatgtattat	cacttaaaat	ggttgccttt	aaaaaaaaaa	agtagagata	ctaattacca	1920
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ttacagtgc	tactgtgttg	cactggcaca	tttatgggtct	ctgttctgga	atcttggagg	2040
acacacagca	gtggagaaca	gaaggagtga	gttttataat	gaacagattc	cagacacggt	2100
aggttttagct	gagttcatac	agaggagata	taactcattt	agatcttctg	acaaatccta	2160
gtgttagttt	tatctgtgga	ggaaagacat	ttaataataa	actgtttggg	aatcttgggtg	2220
aataaagatt	cattttcaag	ctgaataacc	atacttattt	tattttaagt	tgccatttgg	2280
ggaataattg	cagtatgtgt	agagactctc	ttgggatgca	cttatatttt	tatttaatga	2340
ctacttgttt	tctagttttg	cccacaacgt	ctgaaaccac	taagacattc	aggagcatgt	2400
tgagcttctg	gtttggaaac	agcaagaccc	accattttatg	acaaggacag	ccatgagggt	2460
aataacttgga	gtttaactgc	cttccctttg	aactagttaa	aatctgtaag	aataaggaag	2520
ttgttgaagg	cttaaaatct	gggttctgaa	aaagtagttt	cagtttatag	gatacacatt	2580
tactcactga	gctccagttc	caatactaaa	ttagacagta	tcatatagac	ggaaaatgaa	2640
atgctagaac	tgccgttctt	tggatcgcca	ctctatgggg	gtctgtcttt	taactactct	2700
cctgggttatg	ttggccttac	accactgcca	tttgatttaa	aacgctgcag	acactttatc	2760
tgcaaagtgtg	ttccagttgt	tatcagctac	ctactacgca	gcttcagcgc	cagtgtgaat	2820
ttattttttt	ttaagtgcca	ttaccgctct	cctctgttca	gattttgaca	ttcaggaaaa	2880
tatttttatt	ttgatgccat	actgaaatct	acaatgtata	tctgacaaag	cagttaaatg	2940
tgacaataaa	aaacttattt	aatcatggta	aaaaaaaaaa	aa		2982

<210> 4102

<211> 1479

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1480)

<223> similar to gi4894560 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4102

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cagaaggtct	gtgagtggaa	ggagcctgag	gagctgaagc	agctgctgga	tttggagctg	180
cggagccagg	gcgagtcaca	gaagcagatc	ctggagcggg	gtcgggctgt	gattcgctac	240
agtgtcaaga	ctggtcaccc	tcggttcttc	aaccagctct	tctctggggt	ggatccccat	300
gctctggccg	ggcgcatatt	cactgagagc	ctcaacacca	gccagtacac	atatgaaatc	360
gcccccggtg	ttgtgctcat	ggaagaggag	gtgctgagga	aactgcgggc	cctggtgggc	420
tggagctctg	gggacggaat	cttctgccct	ggtggctcca	tctccaacat	gtatgctgta	480
aatctggccc	gctatcagcg	ctacccggtg	tgcaagcaga	ggggcctccg	cacactgccg	540
cccctggccc	tattcacatc	gaaggagtgt	cactactcca	tccagaaggg	agctgcgttt	600
ctgggacttg	gcaccgacag	tgtccgagtg	gtcaaggctg	atgagagagg	gaaaatggtc	660
cccagggatc	tggagaggca	gattggtatg	gccgaggctg	aggtgtgctg	gccgttcctg	720
gtcagtgcc	cctctggcac	cactgtgcta	ggggcctttg	acccctgga	ggcaattgct	780
gatgtgtgcc	agcgtcatgg	gctatggctg	catgtggatg	ctgcctgggg	tgggagcgtc	840
ctgctgtcac	agacacacag	gcatctcctg	gatgggatcc	agagggctga	ctctgtggcc	900
tggaatcccc	acaagctcct	cgcagcaggc	ctgcaatgct	ctgcacttct	tctccaggat	960

acctgaacc	tgtcaagcg	ctgccatggg	tcccaggcca	gctacctttt	ccagcaggac	1020
aagttctacg	atgtggtct	ggacacggga	gacaaggtag	tgcagtgtgg	ccgccgtgtg	1080
gactgtctga	agctgtggct	catgtggaag	gcacagggcg	atcaagggct	ggagcggcgc	1140
atcgaccagg	cctttgtcct	tgcccggtag	ctggtggagg	aatgaagaa	gcgggaaggg	1200
tttgagctag	tcatggagcc	tgagtttgtc	aatgtgtgtt	tctggttcgt	acccccagc	1260
ctgcgaggga	agcaggagag	tccagattac	cacgaaaggc	tgtcaaagg	ggcccccg	1320
ctcaaggagc	gcatggtgaa	ggagggtccc	atgatgattg	gctaccagcc	ccacgggacc	1380
cggggcaact	tcttcgtgt	ggttgtggcc	aactctgcac	tgacctgtgc	tgatatggac	1440
ttcctcctca	acgagctgga	gcggctaggc	caggacctg			1479

<210> 4103

<211> 1604

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(367)

<223> similar to gi3559998 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4103

gctatggggc	agctggtctg	tcttggggcc	ttggaatcga	ttttttttcg	caggagatac	60
tggttattgc	cctgcttttg	aagagatagg	aaaaagattt	ggaccttttg	accttgcagc	120
tattcccac	ggagcttatg	aaccgaggtg	gtttatgaaa	taccagcatg	tagaccaga	180
agaagctgta	aggattcaca	ctgatgtcca	aacaaagaaa	tctatggcaa	ttcactgggg	240
aacttttgcc	ttagcaaattg	agcattactt	agagcctcca	gtgaagctga	atgaagctct	300
agagagatac	ggacttaacg	ctgaagattt	ttttgtcttg	aagcatggag	aatcaagata	360
cctaaataat	aatgatgaaa	acttttaata	aatgtgagca	caggcacttt	taatgaaaaa	420
ggcatcatct	aagtttaaaa	acaaatgaaa	agacttagaa	attcatgaat	attgtgatta	480
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tcctagtatg	atcagctcat	gtacactatg	agagggttca	ggggtgggtc	atttaaataa	600
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tttttactaa	aacattatat	ttttgtggta	ctagaatttc	ctgaggtgaa	aaaccgatat	720
tgaagattca	tttttctttt	ttccattctt	caggaccttc	ggcaagggtg	gtcaaggctc	780
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ttctaataaa	tgatgaaatt	cagtccaaca	tgcttattat	aaacatagca	attcttgctc	900
tatcaaatta	gcttatatgc	caaataattt	atatggttta	tttaggtaag	cataaaaaa	960
taggggctat	catttttaaa	gacttgattt	tctctattgt	ggtaaaatat	ataaatacat	1020
atltgccatt	ttaaaccattt	accattttta	ccatttttta	gtgtacagtt	ctttcgcat	1080
aatgcacca	tgaccacat	tcacttaaat	ttttaaaaga	acagtatatt	ctttttttcc	1140
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cctcttactt	tgggaggcca	aggtgggggg	gtcacttgaa	cccaggagtt	tgacatcaac	1260
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cgggtgaggt	ggtgtgtacc	tgtagtcaca	ggtacttggg	aggctgaggt	gggaggatca	1380
cttgagccca	ggagatagag	gctgcagtga	gctgtgatcg	taccactgca	ctccagcctg	1440
ggcgacaaaa	tgagaccctg	tctcaaaaga	aagccctctc	cttagctgag	cagaggaagg	1500
gaaggagtgt	ggctatgaga	atatgattta	tgccattttc	tgtttttaaa	tctagaagat	1560
cttctaagca	caaatacagc	tacaatgaaa	tattttacag	accc		1604

<210> 4104
 <211> 551
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (120)...(521)
 <223> similar to gi5679551 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4104
 agagtgttgc ttcgggcact agcccagggg acatttgggc acccatagac ctaggcagga 60
 aagagcctta tgggctttca ggactgaaaa gagcttctgc ttcttctctc agatccatct 120
 ctgcagctga aggaacaag agctacagt gatctattca aagcttaact tctgtagggt 180
 ccaaggagac acccaaagct tcaccaaacc cagacctgcc tccgaaaatg tgcaggagat 240
 taagactaga cactgcctca agcaatggct atcagcggcc tggctcagta gtggcagcaa 300
 aagctcaact gtttgaaaat gttggttcac ctaaaaccagt ttcttctggg cgccaagcca 360
 aagccatgta ctctgtaaa gcagagcaca gtcattgagct ttcttctcca caaggagcaa 420
 tattttctaa tgtgtaccca tcagtgaac caggatgggt aaaggcaact tatgaaggca 480
 aaacaggact agttccagaa aattatgttg gcttcctcta atactattta gtggatggca 540
 gtatcttcat g 551

<210> 4105
 <211> 644
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (645)...(115)
 <223> similar to gi927213 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4105
 tttttttgct gatgtaattg tggagccaca aatgcatgcg ggctctttaa taactctttg 60
 ttggggaggg ggggtgaaatg tcagagtact ttaattcagc aaacaaaaac tcctcagttg 120
 gcactgacag cctccggggc ttcattttca ctgctatagt ctgatttggg gtcattctca 180
 tagtcatcat acatttccat ttcattcctc ccattgatca tttcatttcc agctaggctt 240
 ccgcatctg tcttcatacc ataagtgtc tggatgaccg ggaggctggg ctccgggctg 300
 gccgaggtgc tagagcagtc agatgtcatc tgaggcgatg gtgtggtagt tgccatagtg 360
 atagcaccag gatacacaac acctgttctc gtggtgattg gaatctgagg ctgttgcccc 420
 acagtaaaga actgcctcat ctctgtctc cgagacctca tcagttgctt atactcccca 480

atccgaagct	ttttgccatc	aacaatgcag	gtgcgtttcg	gtcgggggtt	gtatttatag	540
tttgggtact	tctctaagtg	gatcttgctt	agccgggcct	gctcttcata	ataaggttgc	600
ttctctgggt	tggacattga	tttccagcga	gatcctaaga	tttt		644

<210> 4106

<211> 1897

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1100)

<223> similar to gi4539520 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4106						
agtgatgaca	tgaacattcc	taatgaggag	acaatattga	atgcacttct	tacttgggtc	60
cgatcatgatt	tgaacagag	acggaaagat	ctaagtaaac	ttttggctta	tattaggcta	120
cctcttcttg	caccacagtt	cctggcagac	atggaaaata	ttgtactttt	tcgggatgat	180
atagaatgtc	agaaactcat	tatggaagca	atgaagtacc	atttattacc	agagagacga	240
cccatgttac	aaagtctctg	gacaaaacct	aggaagtcaa	ctgttggtac	attatttgca	300
gttgggggaa	tggattcaac	aaaaggagca	acaagcattg	aaaagtatga	tctccgtaca	360
aatatgtgga	ctccagtagc	aaatatgaat	gggaggaggc	tacagtccgg	tggtgcagtg	420
ctagatgaca	aactgtatgt	ggttggagga	agagatggac	tgaagacttt	gaatactgta	480
gagtgcctaca	accccaaaac	aaaaacttgg	agtgtgatgc	cacctatgtc	cacacataga	540
catggccttg	gtgtggctgt	actggaaggt	cccatgtatg	ccgtaggagg	acatgatggc	600
tggagctatc	tgaacacagt	ggaaagatgg	gaccctcagg	ctcgccagtg	gaattttggt	660
gccactatgt	ctacccttag	gagtacagta	ggtgtggcag	tactaagtgg	aaaactttat	720
gcagttggtg	gtcgtgatgg	aagttcttgt	ctcaaatcag	tagaatgttt	tgatcctcat	780
actaataagt	ggacactgtg	tgacacagatg	tcaaaaagga	gaggtggcgt	aggagtgcag	840
acctggaatg	gactgctgta	tgctataggg	gggcacgatg	ctcccgcac	caacttgact	900
tccagactct	cagactgtgt	ggaaagatat	gatcccaaaa	cagacatgtg	gactgcagta	960
gcatccatga	gcatcagcag	agatgcagtg	gggtctgtt	tacttgggtga	taagttatat	1020
gctgttgggg	ggtatgatgg	acaggcatat	cttaatactg	tggaggctta	tgatccccag	1080
acaaatgagt	ggacccaggt	atggcattca	tgtttcatta	ttacactgac	tctcttttta	1140
ttaaaacaat	tcttatggta	aaacagatcc	cctcaatctt	gtccaatact	gaaatatatg	1200
gcataaatat	gacaatcacg	ttttgattag	cgatgagaaa	aagaggcaat	gtttaatttt	1260
ataacataat	taaaatccag	aattaccttt	gagatgtaag	ttaatactca	gagaaattat	1320
taattatctg	ctaccacttg	catgatgaag	tggtctagcc	tgattaaagc	tgataggact	1380
actggagggc	tgcaacaatg	ggagggggaga	ctggaaaata	aagacaagga	tagtagtcag	1440
aaaactttga	acaacttgcc	cacccggcga	cagtaggcac	tttaaattac	tcaaccatt	1500
tggttttggg	gagccgattt	aaaggccggg	aaacctaatg	gaaaatggca	acccctaact	1560
tcacctcgcc	cccccccccc	gcccccgcc	ccttcttact	accggcaacg	caatttacct	1620
ccttgccggac	tcttttggca	agggcctgac	cccctcccta	aatccccccc	cctctagaca	1680
tctctctgct	ttccctcacc	ccccccacac	ccgcgcccc	gggaactctg	gccttggggg	1740
ccccccatt	ccacccctct	ctgggcccta	cgaaaaactt	cacaagggtc	taacttggag	1800
cccagagatt	ctccttcggg	tctcccgggg	ggacctctgg	taaactttgg	ggcaacgaaa	1860
aacaccaagc	ttcttctggg	cccgcacctc	gccgcct			1897

<210> 4107
 <211> 426
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(86)
 <223> similar to gi4995271 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4107
 gggtacttgg ctgggtttcct ggacagagaa catccaaggt tccattaaat acatcatgct 60
 taaccctagt tcacgaatca aggtaagggg atagttgaga gctgcactgg ttcattgggtgc 120
 tgataacctt tttttgttga aatgtaacgt tctcgtcctc tagaatcact ttgacaaatt 180
 aaaaatcctc cccattgaaa gaaggcaagt actttcatag ttagcattat ggtgatcttc 240
 ctacagtgcc tccatttttt ttgtcacatt gtaatcttat ttattaattc acaaatattt 300
 actgaaatcc caaatgtgcc ccacacagta tacatttgat gctaggaatt atgttggtta 360
 acaagataga cgtaggccct gccttcatat tgcttaacgt ccagtgggtca gaatgtgttg 420
 aagtat 426

<210> 4108
 <211> 2179
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1613)...(1363)
 <223> similar to gil877279 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4108
 tttttttttt ttgcctccga gatgtgttta cttattcttc tgtgtcccca aaaccccttt 60
 ccaaaataac atttaaataa ttgttctgtg ctgtgtgttc aaatggagat aatcagatgc 120
 cagtggcttt acaatgtggg ttgcattcca ttttcccagg cgtcccaggc ctgggtctct 180
 aggccaccgc ccgcctgtgg ccgcctctct ctcaccaggg aggccagaca ggaacccctgc 240
 agctgccaga gcaagcacgt cccacagcct tgggaggcct cccaaaatgt gtccagattc 300
 ccacaggcag agagagaggg actgaaaggc tgaagtgaag tgaccgtgcc tgcccagcct 360
 gggactgaga gcttgaagac cagctttcca gactctgtcc cagaaccccc ttggccctca 420
 gcaaatcccc tcttctgtgg ctgaaacaga ctccaggctt cttgcagaga cgtcttctgt 480
 ggagaaccag aaagatttag tccaccctga ctgtcccggg acagagctgc tgagcagggt 540
 gcaggagcca caaacaccgg atcttttcgag gcacatcagt gacagatctg ggcacagctg 600
 gaccagccag gacattgagc cactgcagcc ccaaggctct aaatgcggtg cttcagctct 660

agcttggcca	ccgtggcccg	gtgcacctcg	tcagggccgt	cggcaaagcg	cagggctcgg	720
gcccaggtga	agaactgagc	cagtgggtag	tcgctgctca	ggcctgctgc	tccaaaggcc	780
tggcagacac	agagtggagg	gagggggccc	tgggtcagcc	cttgtctccg	agagccccag	840
gaatgatagc	ctgctcttga	tggcccataa	caaccatctt	ccggacttc	cctgtggcac	900
ctatgtgata	caatcactaa	tattccagag	ggcttccatg	gggccacacc	tgccatccca	960
cggcctccag	actccccagg	ccactctgc	aggtgccttc	tgccctgtgc	tggggccggg	1020
ggttaggata	taaggaggcg	gccccctgc	atgggaaaga	gcctgggctc	tgggcttatg	1080
aaaacccaag	ttcatgtgaa	tttgaggta	gctacttgca	agctcagtga	cctggacaag	1140
tcacttcaact	tttctgtgcc	tgtttctca	cattcaaaat	gggggtacga	tggcacctcc	1200
caccttgctg	ggtcattctg	aagaggaaaa	ggaaagtgc	atgcatggtg	agtgggtgac	1260
acagggcatc	tgccagggtc	tatgggaggc	tgggcggctg	aagataggag	agtttggcat	1320
ctagtattga	tggttcaa	aagccaactg	tctggtctgt	gctcacctga	atcgacgat	1380
caatcactcg	ggaggccatg	gacggggcga	ccattttaat	catggctata	tccaaggctg	1440
cagccttggt	tcctgccagg	tccatgaggt	gggcagctct	cagcaccagc	agccgtgcct	1500
gctcaatctc	cacgcgcgac	tgcgcgatgt	ccgccagctc	tgtgccctgc	tccaccaggg	1560
gcttcccaaa	agccaagcgg	gacttcacct	gtcgacacag	gagatgtgcg	gctgaggaca	1620
tgctgggctg	ggggtggcca	cgagaggcgg	gggctggtgg	cctgcagagc	tgggtggaag	1680
cagacaggac	agggcagggg	aggagagtga	aaccaggact	gtgcatcttc	tcagccaagg	1740
tgctgtgtg	cagccatgcg	ccatgtccag	ggagtaggtt	tgacacacaa	ccttcacgtg	1800
tgccacagcc	agccacagcc	cacagggtgc	ctgtaacaaa	ttgcttccaa	gaacccttta	1860
ttccagccat	tgcacatctg	ggcaggcctg	gctaccagac	aggagcagtt	atagatctga	1920
gccagcatct	gaccaaggc	tactcctggg	aatgagggag	tgactgcagg	cactgcacac	1980
ggcgacggcg	aagggtgccc	tctgctgacc	gcagcacccc	ttcctgcctt	gcagctccaa	2040
tgggagcaag	gtccctcag	ccccgtctcg	ctcccggcct	tccgcctggg	gtggccttat	2100
ctgcaagggg	gattttaaat	tctgaaagtc	acaaggcatc	agaaaagggt	ctaaagtatt	2160
cctttttttt	tcttgtttt					2179

<210> 4109

<211> 1810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (146)...(570)

<223> similar to gi4455361 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4109

tttcgtgcgg	aaggttgaat	gcgtcgggtg	ggcacctcag	caaccagtag	ccatgcgcga	60
cttggaggag	tcggggcctc	ggcctacagc	gaccccgctg	ggctgcgtta	agccggctct	120
ggagacaggg	aatcttttaa	ctgagccagt	cggctacttg	gaatcttggt	tctcggccaa	180
gaatgggtact	ccaagacagc	catccatttg	tagctattct	cgagcctggt	tgaggattag	240
aaagaggatc	tttaataatc	ctgaacattc	cttgatgggc	ctagaacagt	tttctcatgt	300
ttggattttg	tttggttttc	acaaaaatgg	tcatttgagc	tgtaaggcaa	aagtgcagcc	360
tcctaggctg	aatggtgcaa	agactggagt	tttttccaca	aggagccctc	atcgccccaa	420
tgcaatagga	ctgaccctgg	ccaagctgga	aaaggtagaa	ggtggagcta	tatacctttc	480
tgggaattgac	atgatacatg	gcacacccgt	actagacatc	aagccctaca	tagctgagta	540
tgactcaccg	caaaatgtga	tggagccttt	agcagacttt	aatttacaga	ataaccaaca	600
tacaccaaac	actgtgtccc	agtctgacag	caagactgac	agctgtgacc	agcgacagct	660

ctcaggggtgt	gatgagccac	aacccccacca	tagcactaag	aggaaaccta	aatgtcctga	720
agacagaact	tcagaagaaa	actacctgac	acacagtgac	acagccagaa	ttcagcaagc	780
atttcctatg	cacagggaga	tagcagtgga	ttttggtttg	gaatcaagac	gtgatcagag	840
ttccagcgtg	gcagaagaac	aaattggccc	atattgcccc	gagaagagct	tttcagagaa	900
aggtacagac	aagaagctag	aaagagtgga	aggagcagca	gtcttgcaag	gaagcagggc	960
agagacacag	cccatggccc	ctcactgccc	tgctggaagg	gctgatggag	ctccccgcag	1020
cgtgggttct	gcctgggtga	cagaggctcc	tgtggccact	ttagaagtgc	ggtttactcc	1080
tcattgccag	atggaccttg	ggcagctcag	ttcacaagat	gttggtcagg	cgtcatttaa	1140
atattttcag	tcagcagagg	aagcaaagcg	tgccattgag	gctgtgctgt	cagcggatcc	1200
tcgggtctgt	taccgccgga	agctttgcca	ggaccgcctt	ttctacttta	ctgtagacat	1260
agcgcattgt	acttgctggg	ttgggtgatg	ctttgcagag	gtgctgagga	tcaagccggc	1320
ttctgagcct	gttcatatga	ctggccctgt	ggggtccttg	gtgtctctag	ggctttaagg	1380
agcctccctc	atgtctttta	ggtagcatca	ttgatctttg	gatgtggctt	ttggattttc	1440
tgaacaagct	aatgtttgtg	cgagaagcaa	cactttgtga	tctcatggct	ttgattgatt	1500
tgggctgttc	aaaatgttta	tttgaaaaac	gtatacatta	ataaacttaa	caaagagata	1560
taaaatacac	agaaatcacc	aaatgctttt	tgatctgttg	atattaaaga	atcaaaaggt	1620
gatgctgtct	cgataatttc	tgaaagaagc	tgttcttggt	gcacttgata	aaattagaca	1680
aagttcattc	cagcagagac	tttctagttg	aggggatcta	ttcagtaatt	catattgggt	1740
ttcctgtctg	tctggaaaag	cctgaccttt	ctatttgatt	ccaaatcaaa	cctatatcag	1800
gaagctagcg						1810

<210> 4110

<211> 321

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (137)...(209)

<223> similar to gi28872 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4110

cgtgcaggga	gggttttgac	ccacacgggg	gaaatgccct	ggcatctggg	aggtggggct	60
gcttctggcc	ccagcagtcc	tcccttcaag	cagaggccag	ggccaggctg	agctgacaag	120
cttctactct	ccttgacgca	tgaacgtgca	gggtgattat	gagccaactg	atgccaccgg	180
gttcatcaac	atcaattccc	tcaggtgaga	agctcagggc	cctgacgggc	cttcagagcc	240
tccaggtgta	aagggtaggc	tttgaaagcc	cccaggtgta	aagggtaggc	tttgaatccg	300
accttgactg	gtgccctgcc	c				321

<210> 4111

<211> 2687

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (12)...(2024)
 <223> similar to gi557725 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 4111
cggcacgagc cggatatgtg ctgaatggca ctgagaggag aacatgccag gatgacaaaa 60
actgggatga ggatgagccc atttgcattc ctgtggactg cagttcacc cagttctcag 120
ccaatggcca ggtgagagga gacgagtaca cattccaaaa agagattgaa tacacttgca 180
atgaaggggt cttgcttgag ggagccagga gtcgggtttg tcttgccaat ggaagttgga 240
gtggagccac tcccgaactgt gtgcctgtca gatgtgccac cccgccacaa ctggccaatg 300
gggtgacgga aggcctggac tatggcttca tgaaggaagt aacattccac tgtcatgagg 360
gctacatctt gcacgggtgct ccaaaactca cctgtcagtc agatggcaac tgggatgcag 420
agattcctct ctgtaaacca gtcaactgtg gacctcctga agatcttgcc catggtttcc 480
ctaattggtt ttcttttatt catggggggc atatacagta tcagtgtctt cctggttata 540
agctccatgg aaattcatca agaagggtgc tcttcaatgg ctctggagt ggagctcac 600
cttctgcct gccttgca gaagccgatg gtcagtgctt caaaggcttc aagctcctag 660
cagattttga ctgtggaaag gcagcccgga ttcagtgtct caaaggcttc aagctcctag 720
gactttctga aatcacctgt gaagccgatg gccagtggag ctctgggttc cccactgtg 780
aacacacttc ttgtgggttct cttccaatga taccaaatgc gttcatcagt gagaccagct 840
cttgggaagga aaatgtgata acttacagct gcaggtctgg atatgtcata caaggcagtt 900
cagatctgat ttgtacagag aaaggggtat ggagccagcc ttatccagtc tgtgagccct 960
tgtcctgtgg gtccccaccg tctgtcgcca atgcagtggc aactggagag gcacacacct 1020
atgaaagtga agtgaaactc agatgtctgg aagggttatac gatggataca gatacagata 1080
cattcacctg tcagaaagat ggtcgctggt tccctgagag aatctcctgc agtccctaaa 1140
aatgtcctct cccggaaaac ataacacata tacttgttca tggggacgat ttcagtgtga 1200
ataggcaagt ttctgtgtca tgtgcagaag ggtatacctt tgagggagtt aacatatcag 1260
tatgtcagct tgatggaacc tgggagccac cattctccga tgaatcttgc agtccagttt 1320
cttgtgggaa acctgaaagt ccagaacatg gatttgtggt tggcagtaaa tacacctttg 1380
aaagcacaat tatttatcag tgtgagcctg gctatgaact agaggggaac agggaaacgtg 1440
tctgccagga gaacagacag tggagtggag ggggtggcaat atgcaaagag accaggtgtg 1500
aaactccact tgaatttctc aatgggaaag ctgacattga aaacaggacg actggacca 1560
acgtggtata ttctgcaac agaggctaca gtcttgaagg gccatctgag gcacactgca 1620
cagaaaatgg aacctggagc caccagtcct ctctctgcaa accaaatcca tgccctgttc 1680
cttttgtgat tcccagagaat gctctgctgt ctgaaaagga gttttatgtt gatcagaatg 1740
tgtccatcaa atgtagggaa ggttttctgc tgcagggcca cggcatcatt acctgcaacc 1800
ccgacgagac gtggacacag acaagcgcca aatgtgaaaa aatctcatgt ggtccaccag 1860
ctcacgtaga aaatgcaatt gctcgaggcg tacattatca atatggagac atgatcacct 1920
actcatgtta cagtggatac atgttggagg gtttctgag gagtgtttgt ttagaaaatg 1980
gaacatggac atcacctcct atttgcagag ctgtctgtcg atttccatgt cagaatgggg 2040
gcatctgcca acgccccaaat gcttgttctt gtccagaggg ctggatgggg cgctctgtg 2100
aagaaccaat ctgcattctt ccctgtctga acggagggtc ctgtgtggcc ccttaccagt 2160
gtgactgccc gcttggtgg acgggtgtc gctgtcatac agctgtttgc cagtctccct 2220
gcttaaatgg tggaaaatgt gtaagaccaa accgatgtca ctgtctttct tcttggacgg 2280
gacataactg ttccaggaaa aggaggactg ggttttaacc actgcacgac catctggctc 2340
tcccaaaagc aggatcatct ctctcggtga gtgcctgggc atcctggaac ttatgcaaa 2400
aaagtccaac atggtgctgg gtcttgttta gtaaaactgt tacttggggg tacttttttt 2460
atatttgtgat atatttgtt attccttgtg acatactttc ttacatgttt ccatttttaa 2520
atatgcctgt attttctata taaaaattat attaaataga tgctgctcta ccctcacaaa 2580
atgtacatat tctgctgtct attgggaaag ttctggttac acatttttat tcagttactt 2640
aaaatgattt ttccattaaa gtatatattt ctactaaata aaaaaaa 2687

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<210> 4112
 <211> 581
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(302)
 <223> similar to gi2329910 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 4112
gcggccgccc gcagccctac cccttcgagc gcatgatctt cggcgccctgc gctggcctca    60
tcgggcagtc ggccctcgta ccgctggatg tggcgcgccg gcgcatgcag acggccggcg    120
tcacgggcta cccgcgcgcc tccatcgccc gcacgctgcg caccatcgctg cgggaggagg    180
gcgccgtgca cggcctctac aaaggcttga gcatgaactg ggtcaagggt cccatcgccg    240
tgggcatcag cttcaccacc ttcgacctca tgcagatcct gctgcggcac ctgcagagct    300
aggggaccct gagctgctct caggacggtg gaccggtgac ccctttgtat tctgggcca    360
tggaaacggtg ggggggtgcg cttgattcta cttcaggagg cacatggggc gctttatgga    420
acgagcaggt gggcctgagg ggccctgggct cagagtccac gtccaaacgc aaagctggca    480
gccctggaag tgcagtgttg gggcgatggt gtgggggggtc ccgcagctcc cctcttcctt    540
cctctgcaga cgctggcgct gtctgccgga ggtgttgccc a                    581
  
```

<210> 4113
 <211> 4483
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(1443)
 <223> similar to gi4826465 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 4113
ggcgtgcagt attggaacaa ttactatcca gaatctgaag gatcctgttc aaataaaaaat    60
caaacataca agaactcagg aagtgcata tcccatctgt gccttctggg atctgaacaa    120
aaacaaaagt tttggaggat ggaacacgct aggatgtggt gcacacagag attcagatgc    180
aagtgcagca gtctgcctgt gtaaccactt cacacacttt ggagttctga tggaccttcc    240
aagaagtgcc tcacagttag atgcaagaaa cactaaagtc ctcaacttca tcagctatat    300
tgggtgtgga atatctgcta ttttttcagc agcaactctc ctgacatatg ttgcttttga    360
gaaattgcga agggattatc cctccaaaat cttgatgaac ctgagcacag cctgctgtt    420
cctgaatctc ctcttcctcc tagatggctg gatcacctcc ttcaatgtgg atggactttg    480
cattgctgtt gcagtcctgt tgcatttctt ccttctggca acctttacct ggatggggct    540
agaagcaatt cacatgtaca ttgctctagt taaagtattt aacacttaca ttcgccgata    600
  
```

cattctaaaa	ttctgcatca	ttggctgggg	tttgctgcc	ttagtgggtg	cagttgttct	660
agcgagcaga	aacaacaatg	aagtctatgg	aaaagaaagt	tatgggaaag	aaaaaggtga	720
tgaattctgt	tggattcaag	atccagtcac	attttatgtg	acctgtgctg	ggtatttttg	780
agtcagtgtt	tttctgaaca	ttgccatgtt	cattgtggta	atgggtgcaga	tctgtgggag	840
gaatggcaag	agaagcaacc	ggaccctgag	agaagaagtg	ttaaggaacc	tgcgcagtgt	900
ggttagcttg	acctttctgt	tgggcatgac	atggggtttt	gcattctttg	cctggggacc	960
cttaaatatc	cccttcatgt	acctcttctc	catcttcaat	tcattacaag	gcttattttat	1020
attcatcttc	cactgtgcta	tgaaggagaa	tgttcagaaa	cagtggcggc	agcatctctg	1080
ctgtggtaga	tttcggttag	cagataaactc	agattggagt	aagacagcta	ccaatatcat	1140
caagaaaagt	tctgataatc	taggaaaatc	tttgtcttca	agctccattg	gttccaactc	1200
aacctatctt	acatccaaat	ctaaatccag	ctctaccacc	tatttcaaaa	ggaatagcca	1260
cacagacagt	gcttccatgg	acaagtcctt	gtcaaaactg	gcccattgctg	atggagatca	1320
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gttgttcatg	ttccaagtta	ttcaattcct	ttatgagtga	atgtttttac	ttttgactcc	4260
taaataggaa	aagattat	gacagctgga	aaataacctg	ccaccaatta	agcgagtgc	4320
atagggctac	tttgccaaaa	cactcagaat	gagtatgtta	cacagatcca	gttcactaag	4380
gattaatgca	ttttgaagtt	cttagaattt	gttgggatga	ctgatgcaa	gccaagttct	4440
acagcagatt	aaaagtaata	caggtttctt	tcggggaatg	tcg		4483

<210> 4114
 <211> 384
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(334)
 <223> similar to gi4191812 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4114						
agaacactgc	tgcagaacga	ctggatggag	gagacagccc	ctggaatggg	ggcaaccatt	60
agttctgga	cgggattgga	taaagcccat	gtcaggcctg	tcgcccattg	gaatattgcc	120
aagtctatgg	ctgtgtacta	ccttgaacct	gtccgagctg	tgcgggatgg	gaagccttcc	180
tgggtgccgtg	tatattactg	caggaatgac	cgtgaccaag	acagcttcct	gatcaggatg	240
gaagtacccc	atctccagga	aaagagagga	atcctagcat	ctgataaagc	cactatcatg	300
gcctttgatg	ccctggcgac	cttctgtgaa	gaacaggcgt	aagtgactta	ttgtatatgt	360
ggagcatagt	gtcagtgaga	tcac				384

<210> 4115
 <211> 538
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(347)
 <223> similar to gi3687907 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4115						
gaactaactg	ctttgctgaa	tactccacat	attcaggcac	tggttactggc	ccacgataag	60
gttgctgagc	aggaaatgca	gctagagccc	attacagatg	agagagttaa	tgaaagtatt	120

ggccagtatg	gaggagaaac	tgtaaaaata	gttcgtatag	aaaaggctcg	tgatattccg	180
ttgggtgcta	cagttcgtaa	tgaaatggac	tctgtcatca	ttagccggat	agtaaaaggg	240
ggtgctgcag	agaaaagtgg	tctgttgcac	gaaggagatg	aagttctaga	gattaatggc	300
attgaaattc	gggggaaaga	tgtcaatgag	gtttttgact	tgttggtaag	ttgacgcagc	360
tagaagaata	attgatagct	tttagaaagc	tcttattaga	ctttagaata	aaatattttt	420
aaaataactg	ttaagagcac	tagatgattt	ctagcctgat	ttttccatga	tgtaactggt	480
ccacagtatt	tgttagcagt	tttatttttg	ggtgggacca	ctgatatttt	tttacttt	538

<210> 4116

<211> 378

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(275)

<223> similar to gi3336973 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4116

gaatcagttc	cccagtctct	cagccatgga	aacaagccct	ggccatctca	gcagccactg	60
cacaatgcct	ctgggtggaag	acacgccttc	ctcccctctg	gtcacacaag	agaacatctt	120
ccagctgcct	ctttcacacc	cactccagac	ctcagccctt	gttcacctcc	tcattaggtg	180
tggctttagt	agttcctttg	gttgtaacta	tgggatggaa	tccaggcata	gggaactagt	240
tgttccacag	ctcccagcca	ggaagaaagt	gtgagaagct	gatttggtagt	gaacctgctg	300
tttaacatca	cagtgactac	attgaaccca	gtatgccagt	tggcaccaga	tgctgtggac	360
ttggaatgag	gccaagag					378

<210> 4117

<211> 1406

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(926)

<223> similar to gi5225378 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4117

ggcacgaggg	cagtatatca	agtgcaaaca	tccttttggga	tgatcagttt	caacccaaac	60
taactgattt	tgccatggca	cacttccggt	cccacctaga	acatcagagt	tgtaccataa	120
atatgaccag	cagcagcagt	aaacatctgt	ggtacatgcc	agaagagtac	atcagacagg	180

ggaaactttc	cattaaaca	gatgtctaca	gctttggaat	tgtaataatg	gaagttctaa	240
caggatgtag	agtagtgta	gatgatccaa	aacatatcca	gctgcgggat	ctccttagag	300
aattgatgga	gaagagaggg	ctggattcat	gtctctcatt	tctagataag	aaagtgcctc	360
cctgccctcg	gaattttctc	gccaaagctct	tctgtttggc	aggccggtgt	gctgcaacgc	420
gggcaaaagt	aagaccatca	atggatgaag	ttttaaatac	tcttgaaagt	actcaagcca	480
gcttgatatt	tgctgaagat	cctcccacat	cactaaagtc	cttcaggtgt	ccttctcctc	540
tattcctgga	gaatgtacca	agtattccag	tggaagatga	tgaaagccag	aataacaatt	600
tactaccttc	tgatgaaggc	ctgaggatag	acagaatgac	tcagaaaact	ccttttgaat	660
gcagccagtc	tgaggttatg	tttctgagct	tggacaaaaa	gccagagagc	aagagaaatg	720
aggaagcttg	caacatgccc	agttcttctt	gtgaagaaag	ttggttccca	aagtatatag	780
ttccatccca	ggacttaagg	ccctataagg	taaatataga	tccttcttca	gaagctccag	840
ggcattcttg	caggagcagg	ccagtggaga	gcagctgttc	ctccaaattt	tcctgggatg	900
aatatgaaca	gtacaaaaaa	gaataaattc	taccagaaga	taaagaaaaa	agcaagtatt	960
gcataggcac	ctgagcatag	gtatgacctt	gggaagacat	tggctccata	agcaatgcca	1020
agagaatgat	caatagtga	tttgggtgat	gcagataaac	aatctggata	attccatttc	1080
ttttttccca	aaccctcaaa	cagagtgcct	taaaaaattg	ttttatcagg	ataattgtct	1140
catgaccaa	tccacgtca	attagagcca	ttcaaaattc	cttaagatca	tgggttctga	1200
cttcagccaa	acaaaacaat	caaaacctac	caaaaagggg	ctggattgta	atgtcctctc	1260
catcatcctc	agtgtgagtc	ctcagagcct	ccatctgcca	agaacattca	gttggtattcc	1320
atcgtttggt	ttagcttgct	tgcacggggt	gtaggaaatg	tctaatttgt	aatgtttaat	1380
agataccttt	ggaaagaaaa	aaaaaa				1406

<210> 4118

<211> 2614

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2417)...(1855)

<223> similar to gi4589624 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4118

tttttttttt	ttcatttaac	ttttggataa	taaaatactt	tattggtacc	atttaataaa	60
tgtcaaaaaa	gtatagcatt	tccattgctt	agcttccatc	tttaaactta	aagctagtta	120
aaaacaacag	gaacaaaagt	aaactcattt	gattctctca	aaaaacaagc	tgtaacttac	180
ctttgcaaat	aattagggttc	tctcacttta	aatatcgtaa	ttcactgggt	cttcataata	240
aataattatt	aataatatat	aaaaggagac	agtgggcctg	aattattttg	cagaggaaca	300
tttcacacat	cttttaaaaa	aatcactaaa	ctaccacaaa	cttaaaaact	gtaagaataa	360
ttaggtgagg	agttattggt	aatattggaa	ttaatatagc	acctagaaat	ttgaaatttg	420
taatatttca	gatgatatga	tttactgaga	aaaagagtaa	tgatttttct	tcagtgaatt	480
ttcagggggt	ttcaacatag	gtctctttta	aaagggttaa	aaaatttatg	catactagga	540
attgacctga	tggtaacaga	tccatgtgtg	acaaataatg	tagtgcagtc	ctatctgaat	600
ataatttctt	tttcactttg	tctcattaat	ttatacctca	attaaaacat	tctatatgca	660
agtgcacat	ttctctaaaa	cattccgtat	ttcagatttc	cattcagact	atcttcccct	720
cctccctttt	ctcaaatcag	agtgatcttg	tggcatacca	tttgcttttt	ctctccacaa	780
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cacttcaaat	atttgattat	attggttcta	cattcacaaa	gggaaagaaa	atccacctt	2580
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<210> 4119

<211> 3609

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3610)...(2041)

<223> similar to gi7758 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4119

gagagggaaa	tgaacataat	tcctaaagaa	aggccatata	actatatcat	aggccaacca	60
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tgaaagactt	aacgaaagaa	aaaccacaaa	gaaattatta	aacttttact	atcgaaagga	180
tttacttttg	tggagttgag	ggtgggagag	aaatgaatct	ttatgttctc	ctgttagaga	240
atagcttttt	tccttccagc	tttcacactg	gcacatgctt	attacaattc	taccttggga	300
acatgacaga	atTTTTTTct	tatgcattca	tgcaacataa	acaaacagat	aattctagga	360
agactgtgat	taagtcaact	gcattctgac	ctattatttt	attttcatct	ctccctgact	420
ctgggtgagc	caaaggctat	taagattatg	ttctcctgct	cactcactag	gcagacctct	480
actcgagaag	tgatctgaca	gcgcagtagc	tgatgctcgt	ccagtgacta	aagcagtcag	540

gctgaaaaca	gattttatct	caacaacagt	cctagtttct	tctgtcctca	aacactgtta	600
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gaacttccag	gagtcacaag	agttccaaac	aattaattta	taaaaataac	aaaacatttg	1980
tctatgaaaa	aaagatcagg	attcactctc	atcgactgcc	tcatctggat	ggtgctcagc	2040
atcctccttt	tctgtctgct	gtttcttcca	cagtttggcc	atggccagga	gtttgagggt	2100
aggttgggtg	gcagcatctt	ctggaaagat	gtaatcaaag	tattcttccc	agcctgcac	2160
agacccatca	tcagtctgga	cctttcttct	cttcttgact	ttctctggca	tgagtttgct	2220
tactctctcc	ttatctgaag	ctgttccaaa	ttcttcttca	aaacttcgcc	aagattccag	2280
cagcataagt	ctctcttcc	tttcttcaca	gtttcgcagt	gttttggttag	cttcttcata	2340
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gtaccagaa						3609

<210> 4120
 <211> 1574
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(541)
 <223> similar to gil871539 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4120

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<210> 4121
 <211> 2390
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(2176)
 <223> similar to gi6016932 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4121

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ccgtgccatc	ctcgagaaga	acttttcctt	cctgaccaag	ggggcaaata	agcacaacat	360
gccaatctc	atcaacacca	tgatggagct	gaggaagtgc	tgtaaccatc	cctacctgat	420
caatggagca	gaggagaaaa	ttctagaaga	tttccgaaaa	acccacagcc	ctgatgcccc	480
tgactttcag	ctgcaggcca	tgattcaggc	agcaggaaa	cttgtgttga	ttgataaact	540
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ttcttacgag	cgcgagatgt	ttgacaaggc	cagcctaaag	ctggggctgg	acaaggctgt	960
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<210> 4122

<211> 4764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1408)

<223> similar to gi3043622 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4122

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<210> 4123

<211> 1102

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (941)...(853)

<223> similar to gi5360125 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4123

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tcaactacag	tttttgata	tagtaaacca	gaagatgtgt	atggaccctg	ttatggccaa	180
gcactcaca	gatgaagaga	gaattaatga	tagttatatt	tcactcaaaa	tgccaaaaaa	240
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aagtatgtta	atacataatc	tcttatttga	acaaaactat	atagaaaata	ttttactcac	1020
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<210> 4124

<211> 543

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (518)...(266)

<223> similar to gi3257704 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4124

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aatcatttag	taaaactgct	ctttatgaga	ccccagaaa	agctggaggc	acttcctctt	180
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tccatcttca	tggcgatcat	aacctgagg	gaatctccc	ctttcacttt	gtctccagct	420
ttgacaaaca	ccttttcaat	ggttccagtc	ataggagcta	aggggccgcc	ctgagtttct	480
tgtgagctca	cagaagataa	gtatttgggg	actggaatgt	caatctcaat	acttccttcc	540
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<210> 4125

<211> 1158

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1051)...(28)

<223> similar to gil333634 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 4125
tttttttttt ttactatcta gagtctagag ctcacagtac agagttttgt gaaatacggg 60
gcctatgaga attttcccat ggtacacaga agccacagag gtgccctgaa gcacagagcc 120
attgttgga tacacgggtg tcaccctggg cttctcagac aaaacattct ggatgcgaag 180
tactttctgat cctggagggt cctcagggtt atagttcagt agcttcatag gattaggatg 240
gcatcctgcc aaaatgtctc ctgtggcagg atcgacagtc aggttatcca ctaagggtgcc 300
caactgtatc accttcagtt gagttaaatc ccagttatca tgtttttcca ttatgtgaat 360
gttcttagct gctacatcag ctacatagac atacttctgg tctgctgaga ctgtgatccc 420
attggcacta caaaatcctt tggccaccac tttaacctcc cttgggctgt agaaaagaac 480
ataagtccag cgaagatcca agatcatctc aaaaaatgac aggagggagt tggtaaaata 540
gtggctctctg gtggcataga actgttctgg tccaagaacc acaatgtcat tcacactttt 600
gagaagttca tgttttatag ttttcaggta taccagagaa cgttgttggt cctcaaattt 660
aaatatctcc acagtggact tcatgtgggg atgattcaca acataaagat acacagtatt 720
gtctttgtcg atgaaaatac tgatcccatg tggattaaat aattctttgt caaatccacc 780
actgatttct agtgcttggt cccttgggtt ttgttcattc agatccatca agaagatttt 840
tcctggttca tctggcgcaa agtttggcat gcctggatat tttaatccac tggagataaa 900
agccagccca ctaggaaagta tatcaatata ttccagagcca ctttcaagtt cctcaataag 960
gtggcagttt tcaggttcta ctggctccac ttctcgagag gcattcaccc tttctctaaa 1020
cgccaggaac atctcccga ctaaggacag gccgacccc agcaggacca gcgccacgag 1080
cttccccatg gtctcgggtt gccagcggc gactgcgcgg cgccgagagc tctcgggggc 1140
gcggcgggcg gttcctgc 1158

```

<210> 4126

<211> 1882

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1883)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (7)...(1298)

<223> similar to gi4581082 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4126
ggacttcggc acgaggtcac actgcgggtg ctccctcaaag acgcgctgct ggagcctggc 60
gccgggggtg tgtccatcta ctacctggg aagaagttcc tgggcgacct gcagccagac 120
ggaaggatca tgtggcagga gaccgggcag accttcaact caccagcgc ctgggccacc 180
cactgcaaga agctggtgaa ccctgccaag aagtcgggct gtggctgggc ctctgtcaag 240
taciaaggcc agaaactgga caagtacaag gccacctggc tccggctgca ccagctgcac 300
acgcctgcc cggctgctga tgagagccca gccagtgaag gggaggagga ggagttgctg 360

```

atggaagagg	aggaggagga	cgttctggcg	ggggtctcag	cagaggacaa	gagtcggaga	420
ccactgggga	agagcccttc	agagcctgcc	cacccggagg	ccacaaccoc	agggaagcgg	480
gtggacagca	agatccgggt	tccggtcgcg	tactgcatgc	tgggcagccg	cgacttggcc	540
aggaaccccc	acaccctggg	ggaagtaaca	tcctttgcag	ccatcaacaa	gttccagccg	600
ttcaacgtgg	ctgtttctag	caacgtgctg	ttcctgctgg	acttccacag	tcacctgaca	660
cggagtgagg	tcgtgggtta	cctggggggc	cgctgggacg	tcaacagcca	gatgctgacg	720
gtgctcagag	ccttcccttg	tcggagccgg	ctcggggacg	caaagactgc	agctgccatc	780
gaagaggaga	tctaccagag	cctgttcctg	cggggcctgt	ccctggtggg	ctggtaccac	840
agccacccgc	acagcccggc	gctgccatct	ctgcaggaca	tcgacgcaca	gatggactac	900
cagctgcggc	tgcagggttc	cagcaatggc	ttccagccct	gcctcgccct	gctctgctcc	960
ccttactatt	ctggcaaccc	aggccccgag	tccaagatct	cgcttttctg	ggtgatgcct	1020
cctcccgagc	aaaggcccag	tgactatggc	atccccatgg	atgtggagat	ggcctacgtc	1080
caggacagct	tcctgaccaa	tgacatcctt	cacgagatga	tgctgctggt	ggagttctac	1140
aagggttccc	ctgacctcgt	gaggctccag	gaaccctgga	gccaggagca	cacctacctc	1200
gacaagctta	agatctcctt	ggccagcagg	acgcccgaag	accagagcct	gtgtcacgtc	1260
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cactagactg	agacactcct	cagcctttgt	ttttgaaata	gcgtttcaca	ggctggaacg	1560
cagtggcgct	gtaccagctc	actgcaggcc	tcaaactggg	ctcaagccat	gctggcacct	1620
cagcctccca	agtagccggg	accacaggcg	ttcaccccca	cacctggatc	ctttccaact	1680
tctttgagat	gaagtctcgc	tgttgccag	gctgcagtgc	agtggcatga	tctcagctca	1740
ctgcaacctc	tgccctccag	gttcaagcaa	ttctcctgtc	tcagcctcct	gagtaagggg	1800
gattacaggg	gcctgccacc	acatccagct	aatttttgta	tttttaatag	agacggggtt	1860
caccatatag	accnacaaaa	aa				1882

<210> 4127

<211> 559

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(560)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3)...(292)

<223> similar to gi4062680 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4127

caggctgctt	catgatcaac	aactgcacca	ccctctcccc	agattcagga	gatatcgcca	60
atacgttgaa	atcacgccat	gcgatgcaag	agcgactttt	gcagcagttt	ttatgtcaac	120
gacaagcgcg	cggggaaatc	ccgccccact	gtgacgtgac	acatctggca	gaattcctta	180
attgtattat	tcaggggatg	tcgatcagcg	cacgcgaagg	tgcatcgctg	gaaaaactga	240
tgcagattgc	cggaacgact	ttgcgtttat	ggcccgaact	ggtgaaataa	gtcgcaaaaa	300
aagccctca	gcctgagcga	atgagggggc	aaattgcaga	gtacagcctt	gttatacttt	360

gttattcaaa	atcagttgcc	cgttgctatc	tagcgggata	tgcgtaccgc	gatcgcggtc	420
catcgcgatt	ttgccctgct	gatcgccaat	cttataggta	acatcataac	cgagncattt	480
tttctgactt	gtcatacacc	gtttttacaac	gctgttgctg	agtcgtgtaa	gtatcgcttt	540
cctgggagag	agccctggg					559

<210> 4128

<211> 1608

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(272)

<223> similar to gi3513303 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4128						
gggttcctg	gccctgcacg	tggagaagct	gccaatgag	cccaaccgct	tgcttatect	60
ccacggcttc	ctggacgaaa	acgtgcactt	tttccacaca	aacttcctcg	tctcccaact	120
gatccgagca	gggaaacctt	accagctcca	ggtggccctg	cctcctgtct	ccccgcagat	180
ctaccccaac	gagagacaca	gtattcgctg	ccccgagtcg	ggcgagcact	atgaagtcac	240
gttgcctgc	tttctacagg	aatacctctg	agcctgcca	ccgggagccg	ccacatcaca	300
gcacaagtgg	ctgcagcctc	cgcggggaac	caggcgggag	ggactgagtg	gccccggggc	360
cccagtgagg	cactttgtcc	cgcccagcgc	tggccagccc	cgaggagccg	ctgccttcac	420
cgccccgacg	ccttttatcc	ttttttaaac	gctcttgggt	tttatgtccg	ctgctttctt	480
gttgccgaga	cagagagatg	gtggtctcgg	gccagccct	cctctccccg	ccttctggga	540
ggaggaggct	acacgctgat	gggcactgga	gaggccagaa	gagactcaga	ggagcgggct	600
gccttcgcc	tggggctccc	tgtgacctct	cagtcacctg	gcccggccag	ccaccgtccc	660
cagcacccaa	gcattgcaatt	gcctgtcccc	cccggccagc	ctccccact	tgatgtttgt	720
gttttgtttg	gggggatatt	tttcataatt	atttaaaaga	caggccgggc	gcggtggctc	780
acgtctgtaa	tcccagcact	ttgggaggct	gaggcgggcg	gatcacctga	ggttgggagt	840
tcaagaccag	cctggccaac	atggggaaac	cccgctctta	ctaaaaatac	aaaaaattag	900
ccgggtgtgg	tggcgctg	ctataatccc	agctactcgg	gaggctgagg	caggagaatc	960
gcttgaaccc	gggaggtgga	ggttgcggtg	agccaagatc	gcaccattgc	actccagcct	1020
gggcaacaag	agcgaaactc	tgtctcaaaa	taaaataaaa	ataaaaagaca	gaaagcaagg	1080
ggtgcctaaa	tctagacttg	gggtccacac	cgggcagcgg	ggttgcaacc	cagcacctgg	1140
taggctccat	ttcttcccaa	gcccagcag	agggtcatgc	gggccccaca	ggagaagcgg	1200
ccagggcccg	cgggggggcac	cacctgtgga	cagccctcct	gtccccaaagc	tttcaggcag	1260
gcactgaaac	gcaccgaact	tccacgctct	gctggtcagt	ggcggtgtgc	ccctccccag	1320
cccagccgcc	cagccacatg	tgtctgcctg	acccgtacac	accaggggtt	ccgggggttg	1380
gagctgaacc	atccccacct	cagggttata	tttccctctc	cccttccctc	cccggccaaga	1440
gctctgccag	gggcggggcaa	aaaaaaaaagt	aaaaagaaaa	gaaaaaaaaa	aaaaagaacc	1500
aaccacctc	tacatattat	ggaaagaaaa	tatttttgtc	gattcttatt	cttttataat	1560
tatgcgtgga	agaagtagac	acattaaacg	attccagttg	gaaacatg		1608

<210> 4129

<211> 2102
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1889)...(96)
 <223> similar to gi4929220 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4129

cctttttttt	ttttttatag	tttaaagagc	tttattaatg	caataaatta	actttgtaca	60
cattttttata	taaaaaaaca	gcaagtgatt	tcagaatgtt	gtaggcctca	ttagagcttg	120
gtctccaaaa	atctgtttga	aaaaagcaac	atgttcttca	cagtgttccc	ctggtgtgaa	180
attggggctc	cctcgcaaac	gctgggttgc	ctgttcaaaa	aagcgggaata	ttgtatagaa	240
aagcatgttg	tcttcagtc	gctttgcagc	atctaaaaat	tttcgtgcag	aaatgttgtc	300
atggccacca	atgccccgga	taaaccttaa	ggcagctaac	acttgggtgt	tggaaaggag	360
aacttctact	atttcatcat	ttgctgttga	aagtcgcttc	agcatgtcca	gagatagctg	420
atgagcagga	ggatagaaac	tctctaggga	taacagcaga	caagccaaag	gtttggagtc	480
gctgaggacg	tggtagtga	ggaactgatg	cagcatataa	aagaggttgt	gctggacaag	540
ggttttgata	acaagtcat	gtaggtaatg	ctgtactgca	atctgaaact	ggttaagaga	600
acgaatgtat	tccatcagca	cggctatcac	aaatttatga	ggcatctcct	tctttccac	660
gaaggctgac	aggacatggg	tgtacacatc	tgactggtcc	agcaaccgct	gggtccgcac	720
cggcctcttg	aggagcgggc	tgcttcggct	ctgccctgct	tccaccgcca	tgcataact	780
ctgctcggca	tccaggtact	ttttatactc	atggttgagt	ttatcaaaaa	cagtggctat	840
cacgggcagc	gatgctctgt	ctgactcact	taacatctgt	gaacagacag	acaggatgac	900
catcttgcat	tcctttctct	ggaggagaaa	gtccatgagt	cttcctttgt	ctggtaagag	960
atttactatg	ggctcaagtt	tcacttggag	gttcagagg	taaccttggc	ttgcgctgat	1020
aatgatgtca	ggttgaaaga	caatccaaga	tgaagaatag	agtttacatg	gaacaggaga	1080
ctggctggtc	acggcagcag	gacctgtgat	ggggatctga	tagggctgga	tgcctcagc	1140
aggaagcacg	gggtgggtgga	aggtaacgga	gccgtcaaac	tctccccgta	acttgatata	1200
gaatattacc	gatgtctctg	tatcctgatg	atgcacgact	accaggttgt	ccaccacggt	1260
cagggcaaac	tttcccgtcc	tatttaactt	caatatgtgc	atctttttac	aggcaccttc	1320
tcgtggtaga	tgatagagga	ccacctccgc	tcctgtgctg	ttggagggtcc	gagaatgatg	1380
cctcaagaag	agaacataca	gctgcccgtg	tatggtagcc	attgcgatgt	ctctttcggg	1440
aaggctgggt	ttagttgact	taggcgcagc	tggttaattca	atctcaaatt	tgggcagctt	1500
cgacatagtg	ccagccctaa	agtgaagagg	ctgcaggaca	ttctccagga	ccgtggtaga	1560
cagcaagatc	acggcgctct	cggggcagta	catgtaccaa	ttcacattga	gattgtggct	1620
cttcaagagt	ttcagaactc	gtttctctgg	taataacctg	taaaattcga	ttccttgatc	1680
tgttatgaag	acaatttcag	ttgaactagt	ccagcagaat	cctagaatgt	tggcattcct	1740
agtcttgca	tcctgtgtgt	attccagctg	ggaattatca	gggataaaat	tacaaaaatc	1800
cacagtcttt	gaggtcctct	gaacagccaa	tatcttattt	tctaaggaaa	acttaatgca	1860
cttcacttct	cctttgtcat	ccattctaaa	tgagatggga	ttcctatcat	ctgggccttt	1920
aactaccacg	ccagtagctc	caccagatcg	aacagcaaaa	acctgcttgt	tggcctcatc	1980
gaagaagacg	cagttgacag	ggttcgcttc	ctcgaactgc	accggccgct	cgcacagctc	2040
cagatagtag	tcctcctcgc	ccatggcggg	cgcagcgccc	gcggcggggg	ccccggacga	2100
aa						2102

<210> 4130
 <211> 1049

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (193)...(654)
<223> similar to gil840045 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4130

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tccaaacaaa	acgcgtgcct	cacttggtgtg	gattttgtca	ctgtgcatgt	atgtatgggt	120
ttctggggca	ttggtcctgg	tgctctctcc	acatcctgca	tcccgtaacc	tctgtctcat	180
ggcccaggca	gtgtgaaggc	ggagatgctg	cacatgtaca	gccagaagga	cccgtctatc	240
ctctgtgtgc	gcctggccgt	gctgctcgcg	gtgacctca	ctgtgccagt	cgtgctgttc	300
cctatccgcc	gggccctgca	gcagctgctt	ttcccaggca	aggccttcag	ctggccacga	360
catgtggcca	tagctctgat	cctgcttggt	ttggtcaatg	tccttgatcat	ctgtgtgcca	420
accatccggg	atatctttgg	agttatcggg	tccacctcag	ccccagcct	catcttcac	480
ctccccagca	tcttctacct	cgcattgta	ccctctgagg	tggagccttt	cttatcctgg	540
cccaagatcc	aggccctgtg	ctttggagtc	ctgggagtcc	tcttcattggc	cgtcagtcct	600
ggctttatgt	ttgccaaactg	ggccacaggc	cagagccgca	tgtctggaca	ctgatcaggc	660
cctgctggcc	caggtccctg	tgcgcatgca	catggagggg	tcagggccgc	tccctagggt	720
ccctcctgcc	caacatgtgg	aggtggctgg	ttcccatgaa	cgtggttgct	agaggcgggg	780
gacagcagag	gctgcagact	ggcccacttc	cctctctccc	agggatgcca	agcttgatc	840
atggccctaa	tcccaacccc	aaccccatgg	gaggaggagg	aggaggaaga	agaggaggag	900
gaggaggagg	aggaggagga	ggaggaggag	gccaggtcct	ggtggagcct	ttgccagcc	960
cagtcctctc	tgctcctcc	tggctgaagc	tgtttgcca	ggattaccct	cggggctaaa	1020
gaggaaaaat	aaagatgttg	agctaccaa				1049

<210> 4131
<211> 4199
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2550)
<223> similar to gi3882185 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4131

cagcacatga	ggaacctgca	gcaacaggag	ctgcacaggc	ttctccgggt	ggctgacaac	60
caggaactgc	agctcagcaa	cctgctctcc	agggaccgca	tcagtcaggga	gggcctggag	120
aagatggcgc	aactcagagc	tgaactgctg	cagctatatg	agcgctgtat	tctattagat	180
attgagttct	ctgataatca	gaatgtggat	cagatcctgt	ggaagaatgc	tttctatcag	240
gtgattgaga	agttcaggca	acttgtcaag	gatccgaatg	ttgagaaccc	agaacagatt	300
cggaaacagac	ttttggagct	cttggtatgag	ggtagtgact	tctttgatag	tttgcctcag	360

aagctgcagg	ttactttacaa	gttcaaactg	gaagactaca	tggatggtct	tgccattcgc	420
agcaagccat	tacgcaagac	agtaaaatat	gccttgatca	gtgcccagcg	atgcatgata	480
tgccaaggag	atattgctag	gtaccgggag	caagccagtg	atacagcgaa	ttatgggaaa	540
gcacgcagtt	ggtacctgaa	ggcccagcac	attgctccca	agaatgggcg	cccctataac	600
cagttggctt	tgctggcagt	gtatacgagg	aggaagcttg	acgctgtcta	ttactatatg	660
cgcagtttag	ctgccagcaa	ccctatcctg	actgccaagg	agagtctcat	gagcttggtt	720
gaagagacca	agcgggaaggc	agaacagatg	gaaaagaagc	aacatgagga	atgtgacctg	780
agccctgacc	agtggcgga	aggaaagaag	tctactttcc	ggcatgttgg	agatgacacc	840
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aggttcatcc	tcagttttct	ccatgcccct	gggaagctgt	ttaccgggat	tgggatggag	1020
acattccctg	cagtggctga	gaaggctctc	aaggagttcc	aggtgttact	gcagcacagc	1080
ccctctccca	ttggaagtac	ccgcatgctg	cagcttatga	ccatcaatat	gtttgcagta	1140
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aaggagtccg	ccaaagctca	gctgtcctct	cctgaggacc	aggatgacca	agacgacatc	1320
aagggtgtctt	cctttgtccc	ggacctgaag	gagctgtctc	ccagtgtcaa	agtctgggtca	1380
gattggatgc	tcggctaccc	ggacacctgg	aatcctcctc	ccacatccct	ggatctgccc	1440
tcgcatgttg	ctgtggatgt	atggctcgacg	ctggctgatt	tctgtaacat	actgactgca	1500
gtgaatcagt	ctgaggtgcc	actgtacaag	gacccggatg	atgacctcac	ccttcttatc	1560
ctggaagagg	atcggttctt	ctcgggcttt	gtccccttgc	tggctgcccc	tcaggacccc	1620
tgctacgtgg	agaaaacctc	ggataagggt	attgcagctg	actgcaaaag	ggtcacagtg	1680
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gctctggcca	ggaagatagc	tgagcagcag	cgtcgccagg	aaaagatcca	ggctgtcctg	1980
gaggaccaca	gtcagatgag	gcagatggag	ctcgaaatca	gacctttgtt	cctcgtacca	2040
gacaccaacg	gcttcattga	ccacctggcc	agtctggcgc	ggctgctgga	gagcaggaag	2100
tacatcctgg	tggtgcccc	catcgtgatc	aatgagctgg	acggcctggc	caaggggcag	2160
gagacagacc	accgggctgg	gggctacgcc	cgtgtggtac	aagagaaggc	ccgcaagtcc	2220
atcgagtctc	tcgagcagcg	attcgagagt	cgggactctt	gcctgcgagc	cctgaccagc	2280
cgtggcaatg	aactcgaatc	catcgcttcc	cgcagtggag	acatcactgg	ccagctgggt	2340
aacaacgatg	atctcatcct	gtcctgctgc	ctccactact	gcaaagacaa	ggctaaggac	2400
ttcatgcccc	ccagcaaaga	ggagccaatc	cggctactgc	gggaggtggt	gctgttgacg	2460
gatgaccgga	acctgcgtgt	gaaggcgctc	acaaggaatg	ttcctgtacg	ggacatccca	2520
gccttcctca	cgtgggcccc	ggtgggctga	gggagccaca	ctggggcccc	ccccccggg	2580
gaaccgttcc	tgaaaggcca	ccaggcgccc	agggtagcac	ggaaaatgcc	cacgtgcctg	2640
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cctgggctgc	caggatttag	cagggaggtg	gctggctaca	gcaacagcag	ctgggcaagc	2820
cagataggcc	gctcatgctc	tcagcctttc	tcctccccc	gtctcattcc	aaggctgagg	2880
gagggccttc	tcgcctgggg	acgcagccac	tttctccagt	ggagacaggg	caggggttct	2940
gagtttccgt	cagatgcagt	gaaatcacag	ttccctttca	tcttcagaac	ctctgtcgtg	3000
aatgtgttca	agaggctttg	gttaagtcag	gaagaagtgc	ccagggtgtg	tgtccccagt	3060
ctccctgagg	cctggactcg	cccatgaacc	caagtccggt	tctagacagc	atgtccctaa	3120
cagcagccct	gggcccccc	ctcttctacc	atccacccca	gacttaccac	acacccttcc	3180
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cgtggacagt	catgagtcta	gaggaaagg	gcactctggtc	tcaggcccg	gctctcgggt	3300
ggcctccacc	tgctcccttt	ctcctcactg	gcctttcttt	ccgtctagct	tcctcttcag	3360
gaaatgtcct	gactctcctc	agctccccct	tcacccctcc	ttgcccgcct	accctccctc	3420
cagaatagcc	cctcaccctt	cttccccttc	tagttgatcc	ttttcacctc	cctgatcccc	3480
ttcattttct	caccgcgggt	cctcgtcata	ggggttctca	ctctgaactt	tcctctctca	3540
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gtgctgggag	aaacttccag	gcgtggacag	cccagcctga	ggcattccag	tgctggggca	3660
ccgtcgcta	acctggtttc	tagctttgcc	ctcactcccc	ggaaaaactg	acactgacac	3720
aggggcccct	tccttgcccc	tttagctggt	acctcagtgg	ggaggcttcc	ttaccaagaa	3780

tgagttcctg	aaacccaggg	ccagagacaa	ggacaactta	ggggaagacg	gggttttcgg	3840
tggagccagg	ggcaaatctt	aatgggacca	gtgggggata	ccccagagcc	catggcctga	3900
ctgcacagcc	tgccctggagg	atgggtgcgc	agctctgccc	tccctgaggg	ccaggactat	3960
gccagaagcg	atgggggtacc	gtgtagggga	gccaaggcca	gtagtttggg	ggtaggagtc	4020
ccctagagtc	tcagaagact	gggctctttg	gagtacaggg	tccccggcct	ctcctttaag	4080
attctctccc	cagctggaag	gccgatgact	gggtggtcgg	gagggagacc	cagctctcct	4140
ttctgtcccc	tttgagcac	tggttttggt	tccttaataa	atcttttagtt	atgaaacat	4199

<210> 4132
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(128)
 <223> similar to gi183817 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4132						
ctgtgacaag	ctgcacgtgg	atcctgagaa	ctggaggctc	ctgggcaacg	tgctgatctg	60
tgtgctggcc	catcactttg	gcaaagaatt	cacccaccca	tgccctggccc	ctctgctggg	120
cttgattgaa	gtcattcatg	caactgtaat	catctaattg	ctcatctggg	actgagattg	180
tctcaagcac	atgtctggca	gttggtgtca	cttggtgatt	gggcctctct	cttaacgtaa	240
ggaagtgagc	caaagcttct	cacattatga	cagcaggggt	cccatagagc	caagtgacag	300
ctgtaagtgc	tcttgaggta	tcaacttggg	agacacacca	ttacttctgc	attgtat	357

<210> 4133
 <211> 458
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (458)...(63)
 <223> similar to gi286015 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4133						
gaattcatga	cttaacgtca	gttagtattg	cttaatggaa	tcgacataca	tattgttata	60
cgtgaatca	ttttcagtc	agaccacatt	tctcagagtt	tgccaaaaca	aaccttctgc	120
cttcgggttg	tcaggccact	ggaggatgga	gctcttacag	atccgctgcc	gtagcctcaa	180
atactgagaa	tgctgtaaca	ctggctccag	caggataaat	ataatcacat	ccatgttctc	240

atccattagc	ctctgcaaag	ccaagtaaaa	agctgtttta	aagttccagc	tttttgcata	300
ttttttggtt	aaaacaaata	ctgttttctt	gctttggttg	atgctctgca	tgaggttgtc	360
gatgatggcc	aatcccgggt	cccaatccct	ctcctctaga	caaaggagaa	cgtttttgtc	420
tcggctctct	tcaaggtggt	agcgcagctc	atttatca			458

<210> 4134

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(347)

<223> similar to gi1943947 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4134

cttggcagcc	ttcgcggtgg	ccacgggtgac	ccagagcttc	ctgctcagcg	cctttctctc	60
ccgcgccaac	ctggctgagg	cctgcccggg	cctggcctac	ttctccctct	acctgcccta	120
cgtgctgtgt	gtggcttggc	gggaccggct	gcccgcgggt	ggccgcgtgg	ccgcgagcct	180
gctgtcgcgc	gtggccttcg	gcttcggctg	cgagagcctg	gctctgctgg	aggagcaggg	240
cgagggcgcg	cagtggcaca	acgtgggcac	ccggcctacg	gcagacgtct	tcagcctggc	300
ccaggtctct	ggccttctgc	tgctggacgc	ggcgctctac	ggcct		345

<210> 4135

<211> 369

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (60)...(249)

<223> similar to gi300478 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4135

caaacccata	tactctatcc	tcaatacctc	cctccacaac	ccattattct	gtcctagcaa	60
acctagctga	ccccatagat	cctaattcct	ttcgccactc	ctctttccat	tccttaaaaa	120
cagccctaga	agctgccacc	acgctagctc	ttccctaactc	atcccaaccc	ttttcattac	180
acacagccaa	agtactgggc	tctgcgggtca	aaattcttac	acaagagccg	gaaccgtgcc	240
ctgtagcctt	tctgtccaaa	caacttgacc	ttactatttt	aggctggcca	tcattgtctc	300
gtgcagaggg	tgccgcgcgt	ctaatacttt	tagaggccct	aaaaatcaca	aactatgtcg	360
acgcggccg						369

<210> 4136
 <211> 1451
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1452)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (220)...(402)
 <223> similar to gi31280 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4136

tataggctaa	ctatataagg	ttatttcagc	tgtgatgatc	cagcagtttt	gttgaactta	60
aaagagccta	cctattaagg	atgctttatc	gtgatgtaaa	gaagatgggtg	ccttggttag	120
tgccttgga	ttgaggattt	tgtgattcca	ggagaaagta	catcaggcag	tggtgtaaat	180
gctggtccat	ggcttacaga	tgtgactctt	tcctcaggtt	cattccgaca	ggaccacccc	240
agtagcatgg	gtgtttatgg	gcaggagtct	ggaggatttt	ccggaccagg	agagaaccgg	300
agcatgagtg	gccctgataa	ccggggcagg	ggaagagggg	gatttgatcg	tggaggcatg	360
agcagaggtg	ggcggggagg	aggacgcggt	ggaatgggg	aagagcaaac	cttttctcct	420
tttaccta	tttggttcat	ccataggatt	ttcagtgga	agaagggact	gaaagacata	480
agaaatta	ttctgcattt	ccatggacaa	tctgttgagc	tcaagccatc	ttctaaaaca	540
tggaaatg	atctttgtgg	catatattaa	gtggcagttt	attttctttc	cctgccagta	600
tacttcgttg	ggtcggggag	aacaaagaat	ggttttgaaa	ccagagcttt	cagttccctt	660
catggtttcc	agaggtgaga	agcctctgtg	ggtagtagat	ttgggatgga	acacacacaa	720
cccttcta	gaccctaagt	tgtaactaa	ctgcctttga	atggttggtc	tgaataacct	780
ggtgtatata	ctgcagaaaa	ggaatgcagc	tgttttccac	agtgtttgtc	cccaacttct	840
gtttgtactc	agaatcggtg	aacatatgaa	gattttgggtc	ccataatcct	taaactatag	900
cctgaggtgc	acctgattac	atagagtttg	gatggagcaa	agaaaaatcc	aatagcattt	960
tgcagagtaa	tgtatataat	tatgggctca	cttcctactg	gagatgttga	aagtctaaat	1020
cggtttgacc	attttgattg	atggcacaat	ctgggttaga	aaactttgtt	tagatcaatg	1080
acataaccct	gctgcctctg	cctgcccttc	ccctcccttc	tcccatcccc	ttttccctat	1140
ctggtgtctg	tactttgatg	aaggtgagct	ataatattgg	tggttaacat	aatccagaag	1200
gcttagttct	gtgtgtgttc	tgtccctata	taaactngga	aaaaaaaaaa	aaaggggggg	1260
ccgttttaaa	ggatccaatt	ttacgtcccc	gggctggcaa	ggtaatat	tttttatggg	1320
gcccccaaaa	ttaaatcccc	gggccggggg	ttaacaacgg	ggggagggga	aaaccccg	1380
ggttcccaa	ttaaatcgcc	ttggaagaac	accccctttt	ccccggggg	ggaaaaaaaa	1440
aaaaggcg	g					1451

<210> 4137
 <211> 331

<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature

<222> (203)...(94)

<223> similar to gi307106 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4137

caactgatag	gggaaaaacc	caacacactc	ttggtcttca	tgtaattctg	tgaataaaat	60
ttgaaataaa	tatattaaat	aaatacagta	gtacctgctg	ttggaaaagt	tcttctctca	120
caaccactcc	agctgcttct	tcctcctcct	cctcttcttc	aggtatggat	gcttttaaaga	180
ctgtacttct	ttgagcaacc	tcctaaaaac	aatagtagtt	taagttaata	aacacactta	240
aaatcaccaa	atgcggtgga	tagggacett	ttctttgctt	aagagacagc	atttcttgcc	300
aggcgcaatg	ggtaacacct	tgaattccag	a			331

<210> 4138

<211> 1006

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1007)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (297)...(664)

<223> similar to gil60299 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4138

atcaccaaga	cctattgatt	ccacccattc	cacttctcct	gaagctttcc	ccttctctgc	60
attttcccat	catcacattc	tactcaacct	attgacactg	accacctact	atgggccagg	120
cactgcgcta	ggctgtaagt	ctacataatg	atctcaacaa	acaaactgga	caaataatag	180
aggatgattt	ataagaagaa	gacatcaagc	gaggaaaaag	aaaaaggcta	tcctctgtga	240
tgtgtgacag	tgatgagagt	gatgacagcg	atctcctagt	tagaaaagta	ggtgttaaag	300
gtccccgtag	agtggttgaa	gatgaagggt	cttcagtggg	aatggagcaa	aagactcctg	360
aaaaaacatt	agctgcacaa	aagcgagaaa	aacttcagaa	gctcaaagaa	ctctcaaaac	420
aaagatctcg	tcagagacgc	agtagtggtg	gagattttga	ggactctgaa	aaggaatctt	480
gccccagcag	tgatgaagtt	gatgaggagg	aagaagagga	taattatgaa	tctgatgaag	540
atggagatga	ttatattatc	gatgactttg	tagtgcaaga	tgaggagggt	gatgaagaga	600
ataaaaaacca	acaaggagaa	aaattgacta	catcacaaat	gaaattagta	aaacggaatt	660
ctctttatct	tttttagtgac	cactatactc	attttgaaag	agttgtgaag	gctcttctga	720
tcaacgcttt	agatgaatct	tttctgggaa	cattatatga	tggcacaagg	caaaaatcat	780

atgcaaaaga	tatgctaaca	tctcttcatt	atttgataa	ccgctttgtt	cagcctcgtc	840
tagagagctt	ggtatctaga	agtcgttgga	aagagcaata	taaggagcga	gtagaaaatt	900
attctaattg	aagtattcat	ttgaagaatc	ctgaaaactg	ttcctgccag	gcttgtggga	960
ctgcatcgct	actgttaant	attcagtgcn	ttttttcagg	agagtt		1006

<210> 4139

<211> 1433

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (147)...(197)

<223> similar to gi3845179 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4139

cccattttgt	tcccccccca	aaaaaagggt	tctttccaaa	aattcccaag	aaggtttata	60
ataccccccc	ctaaaaggaaa	aaaaattttc	tttccactcc	cgcgttaaatt	ttggccccc	120
cagggattct	ttaaaacggc	ccccctttt	ttttttttt	ttttttttt	agaacaaaac	180
aggtatattt	ctattagact	acctgataca	gaagatagtg	tggtatggat	ggatagtatg	240
aaggacaaat	aatacaaata	tattttattg	aaataaacia	aaatgcatac	acagctcaat	300
gggtcacttg	gaacaaactt	gcttgactat	attactgagc	agaaacaaaa	cgggaagcaca	360
aacacctttc	tttttttgac	atgtatctgg	agataggtag	gaagacacta	cttggttttt	420
taaaaaactg	accttccctt	aaggcctggt	catagaagtg	taaacaatgt	aaatgaatcc	480
accattacca	gttgtcatat	catatctatg	tcacctgtgt	attctgagat	tacacacata	540
cctgccaaata	tacctgggaa	aggttatttt	atcacagtta	cacttgagtt	cttggcaggc	600
aggactgagg	aagagtaatt	tgaaagaagt	tttacatcct	atttagaaga	aatcactagt	660
atttccttaa	ataacagggt	acaatagaaa	gatactgcct	ggaagttatc	ctttcacttt	720
ggttcatttt	tagtttttct	ttatgattta	catagctggt	taattcattt	gcttatagta	780
caatcctgcc	ataaagtatt	aaagcacaag	atacctatta	ttccttcaac	atctgcattt	840
ttcaagtttt	atactctaca	tccacagtac	gtcagcagtt	cttgaatggt	taaaaaaata	900
aatgggtaaa	atgcttctaa	aaaatgcaga	tggtttataac	tacaatggta	ctaagatggg	960
aaggagacaa	tgagagaagg	gataaaagca	aacatgttca	tgtgcaggga	atgtggttca	1020
agtcttttga	tttaaaaaca	agttccccag	agaagctggc	acttcctttg	ccctccaaaa	1080
aggacctgaa	aagtcccaat	ccaaacttta	gaaaattagt	tatgagatgc	aataaatgat	1140
gatatgagat	gcaataaatg	atgatcaaag	cagtcagagg	gagaaggatg	aatgtgtctt	1200
ccatttagct	agagactgta	gcatagcctc	tttaggtggt	ggtggatcag	taaaaacgac	1260
tgaagtacca	gaagtgcttg	gaaggatagg	ggtacaaagt	aatgaccata	ataccttgtc	1320
taaatcagta	gcagggtctc	atggctagga	aactttttta	aacagtaaaa	tgctcattagg	1380
atagatcact	ctctcaccaa	cattaaatgt	ggcagaatta	accaaaaaaa	aaa	1433

<210> 4140

<211> 760

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (13)...(359)
 <223> similar to gi3800742 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4140

gggaataagc	ttgcggccgc	ggaggacctg	tcggacgcgc	tgtgcgagtt	tgacgcggtg	60
ctggccgact	tcgcgtcgcc	cttccacgag	cgccacttcc	actacgagga	gcacctggag	120
cgcatgaagc	ggcgcagcag	cgccagcgtc	agcgacagca	gcggcttcag	cgactcggag	180
agtgcagatt	cactttatag	gaacagcttc	agcttcagtg	atgaaaaact	gaattctcca	240
acagactcta	ccccagctct	tctctctgcc	actgtcactc	ctcagaaagc	taaattagga	300
gacacaaaag	agctagaagc	cttcattgct	gatcttgaca	aaacttttagc	aagtatgtga	360
aacaagaagt	tctgggtcct	ttcatcataa	gggagaagct	tcagaaagtt	ccgaggacct	420
gctaaaacta	aatcagcta	ctagaatctg	ctgccagagg	ggacaaagac	gtgcactcaa	480
ccttctacca	ggccactctc	aggctcacct	taaaatcagc	ccttgatccc	atttctgggc	540
aatttagaca	gtgaaactga	ctttgtttac	ctgcttgacg	catattagaa	cagacgatcc	600
atgctaatat	tgtattttct	cttaaaacat	agctttcctg	taatttaaag	tgtttttatg	660
aaaatatttg	taattaatta	tatatagttg	gaaatagcag	taagctttcc	cattataata	720
tatttttgta	tacaaataaa	atttgaactg	aaaaaaaaaa			760

<210> 4141
 <211> 4090
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> similar to gi2130632 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4141

gtggcacaga	gaatgacagt	ggtggtcctc	aaagccagac	acttgccgaa	gatggatatc	60
accggtctct	caggtaatcc	ttatgtcaag	gtgaacgtct	actacggcag	aaagcgcatt	120
gccaagaaga	aaacccatgt	gaagaagtgc	actttgaacc	ccatcttcaa	tgaatctttc	180
atctacgaca	tccccactga	cctcctgcct	gatatcagca	tcgagttcct	cgttatcgac	240
ttcgatcgca	ccaccaagaa	tgaggtggtg	gggaggctga	tcctgggggc	acacagtgtc	300
acagccagtg	gtgctgaaca	ctggagagag	gtctgcgaga	gcccccgcaa	gcctgtggcc	360
aagtggcaca	gtctgagcga	gtactaatcc	tgttcttctc	tcctctaata	cccggggggc	420
aagctgggga	gggatgtgga	ggggaaaaag	atgacagaga	agtggactcc	aaacctcatt	480
ttagttgtag	aagaaaattt	cttacaacac	aaattccaca	aagaacaccc	tatatgacca	540
cagctgcaga	tcagttctta	gcaatgatgt	ttttttttct	gctttgcaag	gcgctagaat	600
cttttatatt	actttatatt	ttttgagggtg	gagtttcgct	cttggtgccc	gggctggagt	660
gcaatggtga	gatctcaact	cactgcaacc	tctgccctcc	aggttcaagg	gattctcctc	720
cctcagcctc	ccaagtagct	gggattacag	gcacccacga	gcatgcccgg	ctaatttttt	780

gtatttttcag	tagagatggg	tttcaccatg	ttggccaggg	tgggtctcgaa	ttccagacct	840
caggtgatcc	acccgcctcg	gcctcccaaa	gtgctgggat	tacaggtgcg	agccaccgtg	900
cccggcctct	ggttttgttt	tgtttttttt	ttttaattggg	ggacaaaaga	gagggaaaga	960
cccctataaa	atctatatat	aacaatgtaa	ccataactt	gcatgtctta	atacaaaactg	1020
aagaaattag	cctaactgcc	aatatcaagt	tggcagatgt	taatccatgg	aaattgtgtt	1080
ttgtgctgaa	ttgtatttgc	tgattacctg	aaattggcct	ctttttattg	ggcttctctg	1140
gagaatttct	cccactcccc	acctctgcag	aagaaaattt	tgctcttata	aaacctcatg	1200
ttttcatcat	tcccatcttt	tctttttatt	gcctcttata	tctctgctct	ttgacctcaa	1260
ggtctagagg	tctgcagtaa	gccaagaaac	aaaggtgggg	tggatgaggc	aaggtttgca	1320
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taaaaggcag	tctataatta	actgacagac	ctaactgaag	cacagagaat	acatcagact	1440
tatgcatcca	agacatcaga	acttggaatt	tatcaaactt	gatgacttct	ctaaaaggag	1500
ctttggaaac	ttcaaattca	gctataggat	agtaccaatg	aacacatcca	gctgatccca	1560
aaagctgttt	tcaggtataa	ggacaaggag	aggagacaag	tgacgacagc	cattccccctt	1620
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gtcttctcaa	atagcttaga	tggtgtaatg	aggtttagctt	tgcttcataa	aacagggggcc	1800
ctcagaagtt	ctccttaaat	ttttcaataa	aaatttagct	cttaaaaaaa	taacagtgtg	1860
actgagtga	tgaagataag	ttggattctt	tcagagcatt	cttttctctca	aaacgagctg	1920
cataattctt	ggaatttatg	tcttaccaca	tgggtggagg	atggaggaac	tacaggatgc	1980
aattcttctt	ctaccaatgg	gcaatagagg	ttgagagaga	ttcagcatct	ttctgggatt	2040
agaattcaag	tctctttact	cctacagcag	ctgtgtctcc	aacgttgaga	ctttgcagat	2100
ggcacagact	ccatggataa	taggtaaact	tggggccggg	cgagtggtct	cacgcctgta	2160
atcccagtat	tttgggaggg	cgaggtggaa	agatcgcttg	agcccaggag	ttcaagacca	2220
gcctgggcta	catgacgaaa	ctccatctct	atcaaaaata	caaaaaatta	actaggtgtg	2280
gtgctgcacg	cctgtggtcc	cagctattca	ggaggctgag	gtgggaggat	catttgagcc	2340
cagaggtaga	ggctgcagtg	agccatgatc	atgccactgc	actctgggct	gggtaacaga	2400
gtgagatcct	gtctcaaaaa	ttaatttaatt	aattaattaa	aataaaactag	gtaaaacttg	2460
ataggcagta	gatatttttg	cccacctgag	gaggaactca	gtcaagctgt	tgcttaacag	2520
cttgatccag	ggcgtgaaag	gttagttgag	actgaagtgt	tcacttccat	agaagaacat	2580
cacttttaac	cttgcttttg	cgaagggagt	cggaaagctg	agtctctatg	gacggggggg	2640
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<210> 4142
 <211> 2679
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2680)...(1435)
 <223> similar to gi55729 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4142

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<210> 4143

<211> 4386

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (112)...(1945)

<223> similar to gi4759365 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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cgacggaggc	gccggtgcca	ggtggcattc	agctacctgc	cccagaatga	cgatgaactt	300
gagctgaaag	ttggcgacat	catagagggt	gtaggagagg	tagaggaagg	atggtgggaa	360
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<210> 4144
 <211> 3482
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2) ... (2890)

<223> similar to gi3043728 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 4145

<211> 1774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1777)...(297)

<223> similar to gi2661090 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4145

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aacatatggt	tcccttttta	catacatata	taaacacttt	taaacataaa	tatcaaatgc	120
atgagaatca	tatgggcaga	taaatttagg	aagccaagaa	cacagaacga	aaagccagtc	180
accagatctt	acaaataatc	atctaaactt	ctctggccat	tcaatttgat	acattatccc	240
aaatattcca	tgtcacatgg	tccacaaggt	tttcttttgg	gattctgaag	caatcaatag	300
ccatacttgt	cattaagatg	ggttctgcca	tctccacttt	gaccttcagg	tgggaccac	360
acacagtagt	ctgggtcatc	ttcaggatat	ttggaagaaa	gtgttggtgg	aagtttgctt	420
ggaccagggt	ttttcttttt	cttcaattca	cctctgcttt	tctcatattc	attctttgat	480
gctgagggtc	ctgcgcacaa	tgaagtgggt	ttgctacagt	cttgataatc	tttattctgt	540
tcttctctgc	taagttgaga	catgttttca	tgggtttggg	tttctttaaa	atgtgtgaga	600
tctgtgggag	gcttcatttc	ctgcactgct	gcttctggct	ctatctcttg	ctgtggccta	660
ctgaggcttc	catctccag	ttttttcttt	tcatgtctct	ccttttcttt	ctcttcttcc	720
tcttctctct	cctctctctc	ttctacttca	ggctcatctt	tattctcat	tagagttgga	780
gggagttctg	gacgcttggg	gggtaacttc	cctactgttc	cagtttttaa	tttgaatttg	840
cttctctctt	tcatggcacc	aaatagaggc	aatgtaagct	ttttagcttt	gttttctgca	900
cctgtagtct	gagtttcagt	cttttttagt	tctggaatct	ctgctggctt	tacaattttt	960
attaaccctt	taagtctctg	ttgttctttc	ctcagttcaa	aagttctcag	gtgaagtttc	1020
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gaatcctgag	atggagactc	tgatagaact	tggcttgagg	ctttcaatct	ctcagaaatt	1140
tcagaaagtt	ccctttcagc	atcatttaat	tttgcaacca	atgattcaaa	ggtctctggc	1200
ttctcatcaa	tcttgccagc	cttcttcatt	ctgttcagac	gcttcttctc	aatcaggcca	1260
gtcctatcaa	gaaatgtgtc	atcatcacta	tcataaaagt	cttcatcttc	ccagttcttg	1320
gctttccttt	tccgagatac	tgcttctctc	cgaagcaatc	ccaaagtgtc	aagaatccga	1380
caagcttcca	atgagcactg	gatcattgct	tcttttttct	ttcttgagtg	aatggcctca	1440
gccaccagtt	gttttccagt	tgaatcgctc	acaggtaatc	tcaccctgca	gagccaagtg	1500
ctatgtccct	gttcatcaaa	ttcatattct	aattcttctc	cttctcggtc	aaaaaagcct	1560
tggagagcct	ttttgggata	ctttatataa	aaggcctccc	tttctgctg	aaactctaag	1620
acaatagggt	tctcttcagc	atcatcctct	actgcatctt	ctcccatctc	ccaggtgcaa	1680

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ccccatctcat catctttggct accagcattt atcttctctt cagaggtatc catttctctt 1740
tcttcactcg agtcttctcc tagcatcttc ttct 1774

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<210> 4146
<211> 1911
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1912)
<223> n = a,t,c or g

```

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<220>
<221> misc_feature
<222> (3)...(933)
<223> similar to gi2642187 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 4146
ggggccgcca cagcccccca gacgacttgg gctccagctt ctacccggag ctggggccct 60
acagctcccg ggaccccgaa gtgctgcggg acagtatgac ccagctcaag gaagccgcca 120
tcggcgctct ggtcctgtcc tggtagccac ctggcatggc tgatgataac ggggagccct 180
cagatgacct ggtgcccgcc attctggaca ccgcccacat gtacagcatc caggtggcct 240
tccacatcca accctacaag ggccgggatg acatcactgt acatgacaac atcaagtaca 300
tcattgacac gtatggctcc catggtgcat tttaccgcta taagaacagc atgggcaaga 360
gcctcccact cttttatata tacgactcat acctgacgtc ccctgaggcc tgggcccacc 420
tcctgacacc aaacggggccc cattcgatcc gcaacacgcc ctacgatggg gtcttcatag 480
cgctgctggg ggaggagggg cacacccacg atatacctgg cgccggattt gacggcatgt 540
acacctactt tgctcccaat ggtttctcct ttgggtcttc ccatcagaac tggaaagctg 600
tgaagaactt ttgtgatgcc aacaacctca tgttcatccc cagtgtgggg cctggctaca 660
tagacaccag cattcggccc tggacaacac acaatacgcg caacaggggtc aatggcaagt 720
actatgagac ggccctgcag gcggccctga cagtgaggcc cgagatcggt tccattacct 780
ccttcaatga gtggcacgag ggcacccaga ttgagaaggc cattccaag aagacaccca 840
ccgcctgta tttggactac ctgcctcacc agcccagcct gtacctggag ctgacacgcc 900
gctgggcgga gcaattcatc aaagagaagg agcagtggct catgtgaggg gcctgtaaat 960
gggcgtgagg tgctgatgtc cttgccttgc tggagatgt caccatgtgg gggtcagctg 1020
aggttgtagc cactcactcg ttcccaggtc agaggtcagc agatgggtgt ttctgggtgg 1080
gccgtcagge atgggcctgt gcaacacaga gcccgttcct caagcgagtg gtgctgaggt 1140
gctctgtggg gatgggaacg gcagaggctg gcaggtgact gaacttagcc cagggcagct 1200
ccacatcctg ggaacacttt catgtaaccc cttctagtgt tgaactctgc agcaggctgg 1260
tgctgtgtag tggccaccca gtcaccaccc ttggaagggt gtcagggtct gggctcgcat 1320
gcacctgtct cccttctgcc agcctgcac cctcctcag gcctccttcc cacatcatct 1380
gtcttctcta agttaggga ccatatttga gactttcaaa aagggaactt ctaggtttta 1440
gctcctccca gtagattcct gaacccaatt atcaggaaat catcctgagc actcacaggt 1500
tcatttaaca ctactcate aagcaccttc ctatgtgcta ggtgctgggg aaaacttgac 1560
caaggaagag ttctgtcctt gaagcttcca ggaccagct ttcttttctt ggtgtggcct 1620
tgtagctagt gcctgggcac aggtgttttt ctttttgcag ttttacctag tgctgggagt 1680
tcagttcttt ttctctaga aaaatacctc tgtgtctccag agcctaattt tcccagatg 1740
catatttagc tctagggaga ggactaggag gaaatcccc tccctttagc tgccatgaact 1800

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gactgaggcc cactcactag agccatgttc agtgctactg tgattagtag taattaaata 1860
tgaactggta ttctggcagc aggcctgttn ncaagcttgg cgtaatgatg g 1911

<210> 4147
<211> 396
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(166)
<223> similar to gil698601 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4147
cggacgcgtg ggctgtaccc ggcgttcgcc cagcctggcc aggagtgcta cctgcagaag 60
gagcctctgc tcttcagctg cgccggctcc aacaccaagt accgccggct ctgcccctgc 120
cgcgacttcc gcaagggcca ggtggccttg tgccagggtc gtctgtgaat ccgcctctgc 180
caccctgcct ggcacccacg ctggctctct cctgccgcgg gagaaagcac cagcaggttc 240
tgagccctgg ctgcttgctc tctcgcgaac cccccaggc cggagcttcc ttccttagcc 300
gggaagctgg cagaggagag ccgtgcccg gaaataggagg aggcagcatg ccgagcccct 360
gggacctccc aggcaggctc cggttctctc ctgggg 396

<210> 4148
<211> 3068
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3069)...(595)
<223> similar to gi5931916 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4148
ttatatTTaa atgttttttac taaaaacaaa tattttttact ggaagctaac agatcaaatac 60
aaataccttt aggaaaatct aaagcaatgt ttaaatattc cttcctgcct aaaacctaag 120
aggattttct gatctaccat gctacaaatt tctacaagga atggggcacct ctatagagaa 180
aaggggaaatg cagcctaagc cctttgtaaa gaactccaca gcaataatat tactaatcaa 240
atctattgct tttattgttt ttaagtaagt ggtggtatat gtcattcttt taaatgtttc 300
ttttgggaag atcttataga aaatggcacc ctgaaacttt cagctctatg tccccaaaat 360
tatctttcaa caatctgatg aagtttctta aagaaactct taaaaatgaa gataatatac 420
ctggcctaaa tcaaaacaat ctgaaaaatg gatgtgtccc agtggaaga ctcaagtctt 480

ttcaagttta	tcagaaatgc	cactatacac	cactgtacta	taagtcgagg	aggatggata	540
tccaaaggta	tcatttcttg	acagttcctg	atggctcag	gtatataccta	taatcactgg	600
ttactatgca	tcatttcttg	tagataaatg	gtattcatgt	gataagctgc	catccaactt	660
ggatgtctct	gagcattcca	ataatatgaa	tgagaagcgg	cagcataata	ttcttgccat	720
gccctgtagt	aagctctcca	gtactcctca	taatcctgat	aggatcaga	aaaactcaga	780
cgtatttccc	tatgacagtc	ataccaatca	tcttctcggg	cttcagtcctg	caatctgaag	840
gaagaccgcc	tgggtaggtt	tctccggctc	tgttagctc	tctggctagc	cccccttcta	900
agtcttctct	tcactctggat	tccaggtgat	tcttgatatt	tctctggatt	gggggtgtca	960
cttccatttg	gtggttggtc	caaagaaata	cgatcatcca	caggcgtaga	ttcagagtct	1020
ttcagctgat	tatcagaaga	gccttccaag	tatgaacttat	ttcctttgct	ctgggaagag	1080
gttcttgagc	tgtaagaatc	actgtcactc	tcagagtctc	cagattggct	actacttgcc	1140
aacacagggg	ctctctgttc	aataacttta	tttctcaca	aaccattttg	aggattcaca	1200
gtctgatccc	cagggcctgt	gtagtgcctg	atgatttcca	caggtttctc	taaccctct	1260
ttaatataat	gttcataatc	ctctaccaat	tcagcaaaag	tcaacgtgta	tggctgatgg	1320
attttaaagg	aagacagaca	aggaatctgg	gggagtgcga	caggtaaagc	ttctttgacc	1380
tgggtgctgac	tgttggtgga	gttttcaacg	ggagtctgaa	cagaattctt	catttgctct	1440
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ccagatacag	aattatttct	agaggaagcc	atgtggtcac	catgagcttt	ctgaatttga	1620
agggttctct	ctattttctg	aatttgcttt	tttaagggtt	ggttaggtac	acttgcata	1680
ccatattgat	gcacagcagc	tttaacttcc	acatcccaat	ccacacattc	ttccatcaga	1740
ccagaaggaa	tgggatctgg	taaagggaga	aggttgatat	tacatttctg	ggcaattctc	1800
atcatcatat	tttcttctc	tccccggcaa	cagtaggcca	atgtcagccc	caatgtacca	1860
aaacggccag	ctctcccaat	ccgatgcatg	tatgtctccc	aatccaatgg	tacatcaga	1920
tttacaacca	gattcacctt	ctcagcatca	atcccacgag	aagtcaaate	tgtggaaatg	1980
aggactctgc	aatgaaagtg	cttcagttta	gccatagcat	caagacgctg	attctgattc	2040
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agttcctgta	aatgctgagt	cttttcttca	aaaaccttat	gtgccaaagg	gtatgaattg	2220
acaactttgt	aatactgctt	caaacctatg	agacttggtat	cactggaatt	cagtcttaca	2280
aaagtgggat	ctctcatgta	ctttgtcaaa	gcattagcca	aaaattcggg	ataagtagct	2340
gatactgcc	gcactctgtt	actggcaggc	aaggaagaat	aaatccaatt	tatttgctcc	2400
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cctgggttca	agtagtcaag	ttctatgagt	tgttaattc	tgccaggaga	tccaacagca	2520
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tgacactcta	agccttccat	ttttattcca	atggctgtaa	taacagaatg	tatctgtaca	2640
gcaatttctc	ttgtaggagc	caagatcaaa	atctgggtac	ttagttttc	aagaacaaga	2700
gagtcacaaag	ctatggtgga	gaacacacag	gttttccggg	tgccagattt	agcttgaaca	2760
attaaatcga	gcccgcagcg	ccccaacggg	atggccttga	gctgcaccgg	cgagggcctc	2820
tcgaagccgg	ccgcccgcag	cccctccagc	accggccgcg	aaagcagcag	tgactcgaag	2880
tcggccggct	ccgccaacag	cacatccccc	gtgcgggtcc	gcgggctgct	gagatcctga	2940
gcggtccgca	ggatcctcac	aggcccgggt	gttggtctctg	gggccgggac	ctgcacggcc	3000
acatgctcag	ccggcatagc	agtcgccact	gctgctaagg	ctcccagggc	ttcaactgcc	3060
gccgccat						3068

<210> 4149

<211> 2050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3) ... (1414)

<223> similar to gi3041879 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4149

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tccatcatcat	tatccaacac	atztatcgtg	atgggggtgat	cgccagagac	ggccggctac	180
tgccaggaga	catcattcta	aaggtcaacg	ggatggacat	cagcaatgtc	cctcacaact	240
acgctgtgcg	tctcctgceg	cagccctgcc	aggtgctgtg	gctgactgtg	atgctggaac	300
agaagttccg	cagcaggaac	aatggacagg	ccccggatgc	ctacagaccc	cgagatgaca	360
gctttcatgt	gattctcaac	aaaagtagcc	ccgaggagca	gcttgggaata	aaactggtgc	420
gcaaggtgga	tgagcctggg	gttttcatct	tcaatgtgct	ggatggcggt	gtggcataatc	480
gacatggtca	gcttgaggag	aatgaccgtg	tgtagccat	caatggacat	gatcttcgat	540
atggcagccc	agaaagtgcg	gctcatctga	ttcaggccag	tgaaagacgt	gttcacctcg	600
tcgtgtcccg	ccaggttcgg	cagcggagcc	ctgacatctt	tcaggaagcc	ggctggaaca	660
gcaatggcag	ctggtcccca	gggccagggg	agaggagcaa	cactcccaag	cccctccatc	720
ctacaattac	ttgtcatgag	aaggtggtaa	atatccaaaa	agaccccggt	gaatctctcg	780
gcatgaccgt	cgcaggggga	gcatcacata	gagaatggga	tttgccatc	tatgtcatca	840
gtgttgagcc	cggaggagtc	ataagcagag	atggaagaat	aaaaacaggt	gacattttgt	900
tgaatgtgga	tggggtcgaa	ctgacagagg	tcagccggag	tgaggcagtg	gcattattga	960
aaagaacatc	atcctcgata	gtactcaaag	ctttggaagt	caaagagtat	gagccccagg	1020
aagactgcag	cagcccagca	gccctggact	ccaaccacaa	catggcccca	cccagtgact	1080
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aatacaatgg	aaacaaacct	ttttcatca	aatccattgt	tgaaggaaca	ccagcataca	1260
atgatggaag	aattagatgt	ggtgatattc	ttcttgctgt	caatggtaga	agtacatcag	1320
gaatgataca	tgcttgcttg	gcaagactgc	tgaaagaact	taaaggaaga	attactctaa	1380
ctattgtttc	ttggcctggc	acttttttat	agaatcaatg	atgggtcaga	ggaaaacaga	1440
aaaatcacaa	ataataggct	aagaagttga	aacactatat	ttatcttgtc	agtttttata	1500
tttaaagaaa	gaatacattg	taaaaatgtc	aggaaaagta	tgatcatcta	atgaaagcca	1560
gttacacctc	agaaaatatg	attccaaaaa	aattaaaact	actagttttt	tttcagtgtg	1620
gaggatttct	cattactcta	caacattggt	tatatTTTTT	ctattcaata	aaaagcccta	1680
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gtatatgctg	aagctgcca	agggtacatt	atggccattt	ttaatttaca	gctaaaatat	1800
tttttaaaat	gcattgctga	gaaacgttgc	tttcatcaaa	caagaataaa	tatttttcag	1860
aagttatagt	tgtcttttag	tatgtgatac	taattaagat	tacttttgta	ttatcactat	1920
ttaaaagatc	ctagtaatat	attctttcaa	ataccatgtt	atttgttacc	atcaccgatg	1980
aatacctcct	aggcttatcc	ctaaaaatgc	tcgctcagag	aattaattat	aaacttgttt	2040
tgtttttagt						2050

<210> 4150

<211> 4188

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(2777)

<223> similar to gi4240253 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4150						
gaacttatgt	agcctcatta	tcccgetccg	tgaggtgaca	attgtggaaa	aggcagacag	60
ctccagtgtg	ctccccagtc	ccttatccat	cagcaccgga	aacaggatga	ccttcctatt	120
tgccaacttg	aaagatagag	acttttctagt	gcagaggatc	tcagatttcc	tgcaacagac	180
tacttccaaa	atatattctg	acaaggagtt	tgcaggaagt	tacaacagtt	cagatgatga	240
ggtgtactct	cgaccagca	gcctcgtctc	ctccagcccc	cagagaagca	cgagctctga	300
tgctgatgga	gagcgccagt	ttaacctaaa	tggcaacagc	gtccccacag	ccacacagac	360
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gtttctgaaa	gagcaagcct	ggaagattca	ctttgctgag	tatgggcaag	ggatctgcat	480
gtaccgcaca	gagaaaacgc	gggagctggt	gttgaagggc	atcccggaga	gcatgcgtgg	540
ggagctctgg	ctgctgctgt	caggtgccat	caatgagaag	gccacacatc	ctgggtacta	600
tgaagaccta	gtggagaagt	ccatggggaa	gtataatctc	gccacggagg	agattgagag	660
ggatttacac	cgctcccttc	cagaacaccc	agcttttcag	aatgaaatgg	gcattgctgc	720
actaaggaga	gtcttaacag	cttatgcttt	tcgaaatccc	aacatagggg	attgccaggc	780
catgaatatt	gtcacttcag	tgctgctgct	ttatgccaaa	gaggaggaag	ctttctgggt	840
gcttggtggc	ttgtgtgagc	gcatgctccc	agattactac	aacaccagag	ttgtgggtgc	900
actggtggac	caagggtgct	ttgaggagct	agcacgagac	tacgtcccac	agctgtacga	960
ctgcatgcaa	gacctgggcg	tgatttccac	catctccctg	tcttggttcc	tcacactatt	1020
tctcagtgtg	atgccttttg	agagtgcagt	tgtggttggt	gactgtttct	tctatgaagg	1080
aattaaagtg	atattccagt	tggccctagc	tgctctggat	gcaaagtggg	acaaactggt	1140
gaactgcaag	gatgatgggg	aggccatgac	cgttttggga	aggtatttag	acagtgtgac	1200
caataaagac	agcacactgc	ctcccattcc	tcacctccac	tccttgetca	gcgatgatgt	1260
ggaaccttac	cctgaggtag	acatctttag	actcatcaga	acttcctacg	agaaattcgg	1320
aactatccgg	gcagatttga	ttgaacagat	gagattcaaa	cagagactga	aagtgatcca	1380
gacgctggag	gatactacga	aacgcaacgt	ggtacgaacc	attgtgacag	aaacttcctt	1440
taccattgat	gagctggaag	aactttatgc	tcttttcaag	gcagaacatc	tcaccagctg	1500
ctactggggc	gggagcagca	acgcgctgga	ccggcatgac	cccagcctgc	cctacctgga	1560
acagtatcgc	attgacttcg	agcagttcaa	gggaatgttt	gctcttctct	ttccttgggc	1620
atgtggaact	cactctgacg	ttctggcctc	ccgcttggtc	cagttattag	atgaaaatgg	1680
agactctttg	attaacttcc	gggagtttgt	ctctgggcta	agtgtgcat	gccatgggga	1740
ccttacagag	aagctcaaac	tcctgtacaa	aatgcacgtc	ttgcctgagc	catcctctga	1800
tcaagatgaa	ccagattctg	cttttgaagc	aactcagtac	ttctttgaag	atattacccc	1860
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cagtggggcgg	tcctgccacc	agggcatccc	aggcgtgctc	ttccccaaga	aagggccagg	2280
ccagccttac	gtgggtggagt	ctgtagagcc	cctgccggcc	agcctggccc	ccgacagcga	2340
ggaacactcc	cttgaggagc	aaatggagga	catcaagctg	gaggactcct	cgccccggga	2400
caacggggcc	tgctcctcca	tgctgatctc	tgacgacgac	accaaggacg	acagctccat	2460
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agtacctggc	ttgaagccta	gtgttttcat	aatgtaattc	aatgaaaact	gttgagaaaa	2940
tattttaaaca	cctcaatgta	ggtacattac	actcttggtg	cggggaggggg	atttaccaga	3000
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tattataact	tattaatctt	gctgttgagc	tgtatacatg	gtttaaaaaa	tagtactgtt	3120

taatgctaag	taaggcagca	gtcatttgtg	tattcaggct	ttttaaataa	aattagagct	3180
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agggtaaatc	ctataccact	ttaggaagta	ttaaaaatat	ttttaagatt	tgaaatatat	3300
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atcttcttca	acacattcct	ttatctttat	atacattgtg	tccttttttt	agctattgct	4080
gctgttgttt	tttattctat	ttacaggatg	atcttttaac	tgtcaaatga	agtagtggtta	4140
acctcaaata	ggctaaatgt	gaacaaataa	aatacagcaa	atactcag		4188

<210> 4151

<211> 1615

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1616)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (6)...(460)

<223> similar to gi289757 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4151

aaaaagtcc	agaggaatac	tttaagcatg	atcctgagca	caaatttatt	tacagatttg	60
ttcgtactct	ttttagtgtc	gcacagctaa	cagctgaatg	tgcaatagta	actttgggtt	120
acttagaaag	gcttttaact	tatgctgaaa	tcgacatttg	tcccaccaac	tggaagga	180
ttgttctggg	agccattctt	cttgccctcca	agggttggga	cgatcaggct	gtatggaatg	240
tggactactg	ccagatcctc	aaggacatta	cagttgagga	catgaatgaa	atggaaaggc	300
atcttctgga	gcttcttcag	tttaatatta	atgttctctg	cagtgtttat	gccaaatact	360
actttgacct	tcgctcctta	gcagatgaca	acaacctgaa	ttttctattt	gctcctctta	420
gcaaagaaag	agcacagaac	ctagaggcta	tttctagatt	gtgtgaagac	aaagacttgt	480
gtagagccgc	tatgagaagg	tctttcagtg	ctgataactt	cattgggtatt	cagcgctcta	540
aagccatcct	ctcttaaaaag	gagaaatgag	gggttataac	gtcatgggac	cttcactctac	600
aaagactgga	gaaataccac	ctttcctgct	caaaaaccag	caaaattagt	gttttcatca	660
aaaggaaaaga	tctcaaattc	aagagactca	tggacaacaa	ggattatact	ccacaggaaa	720
gaatgggacc	ttgtcaatgc	aacaaaacac	tcttctgtcc	tttttaatgt	aaacagagtt	780
acaaaaacca	ctccaaagtg	aaggctccca	tcctacacac	agatatttgc	ttactgtgtg	840

ggccgatagc	tgtgaactca	tgtaagggttt	tttaaacaaat	agtttaaatt	tttagacttt	900
aaagacacta	accatataac	ttttatgttt	cttcagttt	ctctccctcc	ccccgcattt	960
tgctgcatat	gcctttaaaa	tcaatgcagt	attaccatta	aaacatggga	ctctaactaa	1020
agccacttag	gagcagacag	cagcgttggt	aggtactgaa	gggttcttcc	tccctactgt	1080
taccattgaa	gctgctagtc	attggcaatc	attttaaacc	aaaaagctgc	tggataacat	1140
ttgtcattca	tattctttgc	aagcattact	ttagcatttt	agcatgtttg	gggtcataaa	1200
cagaggaagt	atcagttatt	gatatctact	tctattggag	tccatgttgc	atttcttggtg	1260
aactataaat	ggtgcttctc	atcttctgat	aatttttctc	ttgctaaata	aatgtattaa	1320
aagatatttt	cataatgcca	accaacatgg	tggttcagtg	acgatgagaa	aaagtgaagc	1380
agttttaagc	ttgaatatag	tttgggccct	ccaaggcact	gcagcatgag	tataaatgct	1440
ataaaccttt	aaaaaacatg	atttgaaagt	ttttgtttt	gtttgtttg	ttttaaagng	1500
ngggggctat	gccgcncnc	ttgcccaggc	tggagtgcag	tggcttttca	caggtgcaat	1560
cattgtgcac	tcactgcagc	ctagaacttn	ctggtctcaa	gccatcctct	agcct	1615

<210> 4152

<211> 3046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2852)

<223> similar to gi5456910 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4152

atgttgttct	cctggcgaga	agatcctgga	gcccagtgcc	tgctgcttcc	tcttctgctc	60
ctcgcagcct	cggaggtggg	gagcggccag	ctccactact	ccgtctctga	ggaggccaag	120
catggcacct	tcgtgggccg	catcgccgag	gacctggggc	tggagctggc	ggagctgggtg	180
ccgcgcctgt	tccgggtggc	gtccaaaaga	cacggggacc	ttctggaggt	aaatctgcag	240
aatggcattt	tgtttgtgaa	ttctcgga	gaccgcgagg	aactgtgcgg	gcggagcgcg	300
gagtgcagca	tccacctgga	ggtgatcgtg	gacaggccgc	tgagggtttt	ccatgtggag	360
gtggaagtga	aggacattaa	tgacaacgcg	ccagtttttc	caatggctgt	aaagaatctg	420
tttatttccg	aatcccagca	gcctggctct	cggttttccg	tagagggcgc	atcagatgca	480
gatatcgga	caaattcggt	gttgacttac	agtcttgatt	ccactgaata	ttttaccttg	540
gacgttaaaa	gaaatgatga	ggaaaattaa	tcccttggac	tcgtgttgaa	aaaaaattta	600
aatcgagagg	acactcctaa	gcattattta	ctaataacag	caattgatgg	tgggaaacca	660
gagctcactg	gcacgactca	actaaagatc	actgttttag	atgtaaacga	caacgccccca	720
gcgtttgaga	ggacgatcta	taaagtcaga	ttactcgaaa	atgcacccaaa	tgggtacccta	780
gtggtgaccg	ttaacgccac	cgatttggtg	gaaggagtaa	ataaggatat	cgcgtattct	840
ttcaatacgg	acatgtcagc	agatattctg	tcaaaattcc	atttagatcc	agtaaattgga	900
caaatacagt	taaagggtaa	catagatttc	gaggaaagta	agtcatatga	agtccaggta	960
gaagccacgg	ataaaggaaa	tcccccaatg	tcagatcact	gcacagttct	actcgaaatt	1020
gtggacatca	atgataatgt	acctgagtta	gttattcaat	cactatcttt	acctgtatta	1080
gaagactctc	cacttagcac	agtcatcgcc	ctgatcagcg	tgtccgaccg	cgactcagga	1140
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gtgtccgtgg	aggtggccga	cgtgaacgac	aatgcgccgg	cattctcgca	gtccgagtac	1380
acggtgttcg	tgaaggagaa	caacccgcgg	ggctgccaca	tcttcacggg	gtctgcgcga	1440

gacgcggacg	cgcaggagaa	cgcgctggtg	tectactcgc	tggaggagcg	gcgggtgggc	1500
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gacgccccgc	gccatcgctt	actggtgctg	gtgaaggacc	acggtgaacc	ctcattgacc	1980
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atcgctcgca	tctgcgcggt	gtccagtctg	ttggtgctca	cactgctgct	atatactgct	2160
ctgcggtgct	ccgcgcgcgc	aaccgaaggc	gactgtgggc	cgggcaagcc	cacgctggtg	2220
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cacctagagg	aggctggcat	tctacgggct	ggtccaggag	ggcctgatca	gcagtggcca	2520
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cccggtgagt	tgcccgacaa	attcattatc	ccaggatctc	ctgcaatcat	ctccatccgg	2700
caggagccta	ctaacagcca	aattgacaaa	agtgaactca	taaccttcgg	caaaaaggag	2760
gagaccaaga	aaaagaagaa	aaagaagaag	ggtaacaaaga	cccaggagaa	aaaagagaaa	2820
gggaacagca	cgactgacaa	cagtgaccag	tgaggtcctc	aaatggaaac	aagccactta	2880
gccagttttt	gtaataatgg	caaatctctc	ccatgtagca	attccctgct	cctttttcct	2940
atctacatga	gccctcttag	agacctcaga	aatctgcaga	aagttccctg	tgtctgtttt	3000
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<210> 4153

<211> 584

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (356)...(174)

<223> similar to gi2062674 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4153

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aatctatcat	tttaatagtt	tataatagtg	cagttcatgg	aaacatgcc	agtccaacaa	120
aagcacaaca	gattagatta	cagtcagatt	gagaagactg	gtgtgcgttg	gcagatagac	180
gtgctggaca	tgctccacac	gcgacctgca	gacgggacat	gactgtagct	gggcgccgca	240
gctctcacag	cacacagtgt	ggccacaggg	acagaagggt	gagttgatct	cctcctcgca	300
gcacaccatg	cacagcatgg	cttccttcag	cttgcttagc	ttctcctgca	gcacccgggt	360
ctgctggcag	ctgaggccct	cgcagctgct	gcagttcatg	ctgctttctg	aggacttcag	420
aggcgagtgt	gaagggtctt	ggttgcttct	tgaaacgagg	tccacaacgc	cagcattgta	480
cagacgcctc	ctggcatggt	catacacctc	ccttgatggt	cttttaatat	caaagacata	540
tttcttgcca	aggttaatgt	tttcattcag	aacagagatg	ccag		584

<210> 4154
 <211> 1833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> similar to gi285995 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 4154
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attcttagtg atgccaaact gggaacagga ccactgagaa cttttgtgtg tcaagttacc      120
tccgtcatat tttatttcac aatgtatata agtatttcat tccgtgggact gataactatc      180
gatcgctacc agaagaccac caggccattt aaaacatcca accccaaaaa tctcttgggg      240
gctaagattc tctctgttgt catctgggca ttcattgtct tactctcttt gcctaactatg      300
attctgacca acaggcagcc gagagacaag aatgtgaaga aatgctcttt ccttaaatca      360
gagttcggtc tagtctggca tgaaatagta aattacatct gtcaagtcac tttctggatt      420
aattttctta ttgttattgt atgttatata ctcattacaa aagaactgta ccggtcatac      480
gtaagaacga ggggtgtagg taaagtcccc aggaaaaagg tgaacgtcaa agttttcatt      540
atcattgctg tattctttat ttgttttggt cctttccatt ttgcccgaat tccttacacc      600
ctgagccaaa cccgggatgt ctttgactgc actgctgaaa atactctgtt ctatgtgaaa      660
gagagcactc tgtggttaac ttccttaaat gcatgcctgg atccgttcat ctattttttc      720
ctttgcaagt ccttcagaaa ttccttgata agtatgctga agtgccccaa ttctgcaaca      780
tctctgtccc aggacaatag gaaaaaagaa caggatgggt gtgacccaaa tgaagagact      840
ccaatgtaaa caaattaact aaggaaatat ttcaatctct ttgtgttcag aactcgttaa      900
agcaaagcgc taagtaaaaa tattaactga cgaagaagca actaagttaa taataatgac      960
tctaaagaaa cagaagatta caaaagcaat tttcatttac ctttccagta tgaaaagcta     1020
tcttaaaata tagaaaacta atctaaactg tagctgtatt agcagcaaaa caaacgacat     1080
ccaattgtca tgctgcatgc aaaactacac agaattcatg ttttgagag ttttgccaaa     1140
atgagtaata atataatatt tactgtaatt tttaaaatac attatcgttc acaattttat     1200
tttttcataa tcaactaagg aagaacgatc aattggatat aatcttctta ccaaaaatga     1260
tagttaaaat gtatatatat cctagtcccc taaccaaact ctgacctatt gggatactta     1320
taaaaattta agtaagtggg atacacaaaag aataataact attaaacttt cattattagc     1380
aaaaacctaa gggattttaa ctaattgaaa ctgtatttgt ttggacttaa ttttttatgt     1440
ttatttagaa gataaagatt taaagaagac ctttacaata aagagaagaa atatcgaagt     1500
cattaaaata aggagactta cttttatgac attctaatac taaaaaatat agaaatattt     1560
ccttaattct agagaaacta gttttactaa ttttttacia cttcaataat accatcactg     1620
acacttacct ttattaatta gcttctagaa aatagctgct aattaggtta atgaacattt     1680
taccttagtg aaaaaaatta attaaatatg attacaaagt tgcacagcat aactactgag     1740
aggaaagtga ttgatctgtt tgtaattact tgtttgattt ggtgtgtata aaatacaaaa     1800
tttacattaa actctaaatc attaaaaaaa aaa                                     1833

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<210> 4155

<211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(412)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> similar to gil246757 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4155

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aagcacattg	aagaagtgcg	gaagaacaga	gaatccaaag	accctgctga	cgagactgac	120
gctgactagt	tcgttctaga	gaactgactt	tctccccata	cgcttcctaa	atatccacag	180
actgtactgg	ccaatgtcat	attattgttt	ccctgctgac	tgatatttga	gaagctagtg	240
ataggactgc	ataagttagat	ccagatccag	actgtactat	gccgtgccat	gggctaattg	300
ggagaaactg	atagagatta	actctttttc	taaagcggtg	gtctttctaa	tgtaactatt	360
ttgcttgatg	catcttttct	acttgaggat	catcatctct	ttagntgtta	n	411

<210> 4156
 <211> 1475
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (232)...(1221)
 <223> similar to gi4567068 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4156

cccacgcgtc	cgcgccgacc	aagatggaga	ctgccgagca	gccttgagcc	gttgagcagc	60
tgaacagagg	ccatgccggg	gcaactccgag	gcctgagacg	accacgcctg	tgccgctgag	120
gaccttcac	agggctccgt	ccacttggcc	cgcttggtcg	tccaatcaca	ctccagtgtc	180
aaccactggc	accagcagc	caagagaggt	gtggcggtgg	cctgggggacg	catggctgag	240
gcaggaacag	gtgagccgtc	ccccagcgtg	gagggcgaa	acgggacgga	gtatgacacg	300
ctgccttccg	acacagtctc	cctcagtgtg	tcggactctg	acctcagctt	gcccgggtgg	360
gctgaagtgg	aagcactgtc	cccgatgggg	ctgcctgggg	aggaggattc	aggtcctgat	420
gagccgccct	cacccccgtc	aggcctcctc	ccagccacgg	tcagccatt	ccatctgaga	480
ggcatgagct	ccaccttctc	ccagcgcagc	cgtgacatct	ttgactgcct	ggagggggcg	540
gccagacggg	ctccatcctc	tgtggccccac	accagcatga	gtgacaacgg	aggcttcaag	600
cggccccctag	cgccctcagg	ccggtctcca	gtggaaggcc	tgggcagggc	ccatcggagc	660

cctgcctcac	caaggggtgcc	tccgggtcccc	gactacgtgg	cacaccccga	gcgctggacc	720
aagtacagcc	tggaagatgt	gaccgaggtc	agcgagcaga	gcaatcaggc	caccgccttg	780
gccttcctgg	gctcccagag	cctggctgcc	cccactgact	gcgtgtcctc	cttcaaccag	840
gatecctcca	gctgtgggga	ggggagggtc	atcttcacca	aaccagtcog	aggggtcgaa	900
gccagacacg	agaggaagag	ggtcctgggg	aaggtgggag	agccaggcag	gggcggcctt	960
gggaatcctg	ccacagacag	gggcgagggc	cctgtggagc	tggcccatct	ggccggggccc	1020
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ctgtcagggg	ctgtccacag	tgggtctgtg	ccagggtctc	cgccgggtgga	aactgttggc	1140
ttccatggca	gcaggaagcg	gagtcgagac	cacttcggga	acaagagcag	cagccccgag	1200
gacccaggtg	ctgaggtctg	agagggagat	ggcccagcct	gaccccaactg	gccactgcc	1260
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gggaggaagc	ctgcaggtgg	caccgggtggc	cctgggtgca	gttctgggca	gcatectccc	1380
aagcagagac	cttgctgaag	ctcctggggg	gtgggggtgtg	ggctggaagc	actggtctccc	1440
tggtaggggc	aataaagggt	ttgggtcttt	ctgaa			1475

<210> 4157

<211> 952

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (774)...(656)

<223> similar to gi5817183 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4157

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aataggtgga	aagttttaca	ttaagagact	aaagaaatat	aactaaatga	aatgcacgag	120
ccttgactga	atcctgggtc	aaaaacaaat	attttgggga	acatctaata	tggactagat	180
atcatatgat	actgaataat	gtttaattat	cttcaatgca	atgacattgt	attacataag	240
aaaatgtctt	tatcttagga	gatgtttgat	gaagtattta	ggaatgaagt	gtcctgatgc	300
ctgcaatttc	ctttaaaatg	tccaacaaaa	aataggtaaa	acaaatacga	caaaagggtta	360
acaattacta	aatccactcc	tctgtgcatg	tgaaattttt	ccatcataaa	aatatgggag	420
aaattcttat	tgagtaagtt	tgtgtttccc	agatctcatg	tcaggtttca	gggcattttc	480
ccaatactca	tgctataaac	tacacagaga	aacttgaaca	gaaaagttaa	gatgtgtaac	540
ccaaagcagg	gttaagtggg	agacatggat	gggctcggcg	tggtctttct	ggaactgcag	600
tctcttgaac	cactacatat	ggaagactat	aagatataca	caggattgga	ttttacctgc	660
aagtggacag	agccctggag	gagtcctgctg	tcgtacaaag	gacagaaatt	catactctgc	720
ctgctgcaat	gtaattgtac	tctccttcac	tgcttggtga	aggccagact	gcaagagaga	780
atccccagcc	ccccacaaa	aacacatgta	aagtcagttt	tcaaaggcat	ccagaaatga	840
aatttcactt	ttaaaatggg	caaatataac	cacaaataga	ccatttttag	agctcaagtt	900
caaattgcaa	ctgccatctt	tgcaccattt	ttttttcttc	aagaatccaa	gc	952

<210> 4158

<211> 1507

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1508)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (6)...(934)
 <223> similar to gi484102 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4158

agcagctgct	ccaggagaag	gcagctttcc	gggagctgat	cgcgagctta	gagctcgacc	60
ccaagtgcag	ggggctgccc	ttctctctct	tcctcctcct	gcctttccag	aggatcacac	120
gcctcaagct	ggttggtccag	aacatcctga	agagggtaga	agagaggtct	gagcgggagt	180
gcactgcttt	ggatgctcac	aaggagctgg	aaatgggtgg	aaaggcatgc	aacgagggcg	240
tcaggaaaaat	gagccgcacg	gaacagatga	tcagcattca	gaagaagatg	gagttcaaga	300
tcaagtccgt	gcccacatc	tcccactccc	gctggctgct	gaagcagggt	gagctgcagc	360
agatgtcagg	ccccaaagacc	tcccggaccc	tgaggaccaa	gaagctcttc	cacgaaattt	420
acctcttct	gttcaacgac	ctgctggtga	tctgccggca	gattccagga	gacaagtacc	480
aggtatttga	ctcagctccg	cggggactgc	tgctgttgga	ggagctggag	gaccagggcc	540
agacgctggc	caacgtgttc	atcctgcggc	tgctggagaa	cgagatgac	cgggaggcca	600
cctacatgct	aaaggcgtcc	tctcagagtg	agatgaagcg	ttggatgacc	tcactggccc	660
ccaacaggag	gaccaagttt	gtttcgttca	catccccggt	gctggactgc	ccccaggtcc	720
agtgcgtgca	cccatacgtg	gctcagcagc	cagacgagct	gacgctggag	ctcgccgaca	780
tcctcaacat	cctggacaag	actgacgacg	ggtggatctt	tggcgagcgt	ctgcacgacc	840
aggagagagg	ctggttcccc	agctccatga	ctgaggagat	cttgaatccc	aagatccggt	900
cccagaacct	caaggaatgt	ttccgtgtcc	acaagatgga	tgaccctcag	cgcagccaga	960
acaaggaccg	caggaagctg	ggcagccgga	atcggcaatg	acccccaccc	agggggccag	1020
cgggagcagg	gcctgcatga	gacccccgaca	gaaggtgggg	ggggggcctc	tgggaagcac	1080
aggccagcac	ctccccaggt	ggcaggatct	ggcttggggt	gcccggccct	catccctgcc	1140
cacgcagtga	gtgctcatgt	gtcttgcccc	cttgcttgca	aactggataa	aggggtgccc	1200
agcctctcct	gatgcatttg	taaacaagaa	ggtttcagca	gtattacacc	acctccctca	1260
tgccctccag	gggggtggaag	ggggtgggca	cactccaggg	ccccccatgc	ccctggcccc	1320
caggggaactg	gaagaggctc	ccaaccacga	aatcgtcgac	ccggggaggt	nnnnnggtng	1380
cgcntgcgta	cagctctcta	tnntcaaagn	gncctgcggg	nggggnnnng	gagagagcga	1440
taggagagag	atatcaggcg	tgaagtcgag	gcgcatagag	gacacgagag	agatcatacg	1500
agtgtga						1507

<210> 4159
 <211> 1976
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1977)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (118)...(567)

<223> similar to gi3875451 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4159

attcgctgtc	tccacgcatg	aggagacgtg	tagggggccgg	gttcggccct	ggtgaactct	60
cacccgagcg	gtttctcttt	ccgggacaac	atggcgccgt	ccacgccgt	cttgacagtc	120
cgaggatcag	aaggactgta	catggtgaat	ggaccaccac	attttacaga	aagcacagtg	180
tttccaaggg	aatctgggaa	gaattgcaaa	gtctgtatct	ttagtaagga	tgggaccttg	240
tttgccctggg	gcaatggaga	aaaagtaaat	attatcagtg	tcactaacaa	gggactactg	300
cactccttcg	acctcctgaa	ggcagtttgc	cttgaattct	cacccaaaaa	tactgtcctg	360
gcaacgtggc	agccttacac	tacttctaaa	gatggcacag	ctgggatacc	caacctacaa	420
ctttatgatg	tgaaaactgg	gacatgtttg	aaatctttca	tccagaaaaa	aatgcaaaat	480
tgggtgccat	cctggtcaga	agatgaaact	ctttgtgccc	gcaatgttaa	caatgaagtt	540
cacttctttg	aaaacaacaa	ttttagtatg	gaaagattta	tgacataatt	ttattactta	600
ctgtaatcgt	atacagtttc	cattaacttt	tatgacatca	tagggttttc	ctaaatactg	660
ttaatctatt	aatcaataat	tactcttaca	tacatttgca	taattcttta	taagtctgaa	720
ttcagtgaat	atctgtaaca	caaaggtttt	cttttacaat	aactttttat	tatctgggta	780
attgctatta	agacatttga	atatcttttc	ctggaattta	attgctattg	aaattctgtg	840
acacaaattt	tttagatatt	ttatcgtgta	gaattttaaa	cttcagacac	ctagttctag	900
taaccatcag	cttggtggcca	atcttatctc	atccatacat	ctctccagct	accatctctt	960
actaagtga	agcaaatccc	agatatgggt	atacttttat	atacttggtta	aatatgtaat	1020
tgtaaatatt	tcagagtaga	tttctgaaga	ttggggcctt	tcatttttta	aacttagcca	1080
caaaaccatt	atcaciaaatt	attaaatatg	tgttcaaatt	tctactaatt	gcaaagtgtta	1140
caattttttt	taaaactcgg	gatccaaata	aggtactgca	cattgtgggt	gattgatata	1200
tcttttatgt	ttcttttggt	cctataagtt	cccactctat	ctgttatttt	attcttcata	1260
atttattgtt	taagaaacaa	ggttattttg	ctttcacgtt	ttcccatagt	ttgaattttg	1320
cttttgatc	ccatgggtata	atttaacatg	ttcatctgtc	ccctataaat	tgcaagttgg	1380
ctctagagtt	tcagcttcag	gttctttttt	aggtgagtaa	gggtaagact	acattataag	1440
gtgatgttca	cttcttttat	caagaagcac	ataatgtctg	gttgtcttta	attttgtagg	1500
cttagctgac	attaatgttt	catgcctgga	tgcattattt	catcagtggt	tgcaaatgtt	1560
tgatactctg	gttttttctc	cctcacttat	ttttcagctg	tactgcttct	ataaagaaaa	1620
atttcccttt	ctactatttg	gttacctagt	gctgcattta	tatagaaaag	gcgggataaa	1680
tattcttgct	cttatcagtt	ttaataata	gtattccacc	tctagcaacc	ttcattgtaa	1740
ccaattagct	ttttcccat	tcttgttttt	cgagagtggg	cctcattctt	ttgtccaagc	1800
tgagtgcaat	catggctcac	tgcaatctcg	acttcctggg	ctcaagcaat	tctcctgctt	1860
cagcctccca	agtagctggg	actacaggct	tgaccaccat	gcccggctaa	tttttgatta	1920
ttttagagaa	caggatctca	gaattccacc	acgctgngta	gagagcaggc	aatcag	1976

<210> 4160

<211> 403

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(393)

<223> similar to gi758593 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 4160
tgaattcccc cgtctccctg accccaatgt ggtcttcccc ccaaccccaa ggcgctggaa      60
cactcagcag gactctacct tggagagacc caagactctg gagtttctgc ctcgcccgcg      120
tccttctgcc aaccggcaac ggctggaccc ttggtggttt gtgtcccca gccatgcccc      180
cagcacctcc ccagccaaca gctccagcac agagacgccc agcaacctgg actcctgctt      240
tgctagcagt agcagcactg tagaggagcg gcctggactt ccagccctgc tcccgttcca      300
ggcagggccg ctgccccga ctgagcggac gctcctggac ctggatgcag aggggcagag      360
tcaggacagc accgtgccgc tgtgcagagc ggaactgaac aca                        403
```

<210> 4161

<211> 1209

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (61)...(244)

<223> similar to gi30009 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 4161
attaggcctg ctgttttagtg taataaaaaac ataggcttta aacactgtaa actgtaaaat      60
aaatctttca gggatgttaa attagaagac acctactttg atagagatgt ggagaaggca      120
tttatgaagg ctagctctga actcttcagt cagaaaacaa aggcattctt acttgtatca      180
aatcaaaatg gaaatatgta cacatcttca gtatatgggt cccttgcacg tgttctagca      240
cagtaagtat aaatttcacc tactacttaa ctccccttat ttgggagatg ttgattttct      300
aagaccaaat ctagtgtcaa gcatgttggg ggtagatcac agaaaatttt atcttgaggc      360
tctctaattc gctattgtcc attgacttga aagatgtatg gggtgaggct acagttcttc      420
cagaagtatt tgtaatttc atactggctt tcttggtcgc tgttttcatg gttttttaat      480
tcttgacctc cagttgaacc ataaatacct ggttgatgaa gtaacttgtt ttgtggcatg      540
actttcacaa gctctgtcat tccccacaag atgaaaactc acatgctgca atattaaaac      600
taagttatat tccctactgc aatattaaca ctttgagtta gatccttaaa actttaagtt      660
agattctact tttacttata gcctaaattt ttattgttac ttttatagct tccccacgcg      720
tgtagctttg gatcagttaa acttctgaac tattgttaca ccctacatag gtactcacct      780
cagcaattag caggggaagag aattggagtg ttttcttatg gttctgggtt ggctgccact      840
ctgtactctc ttaaagtcac acaagatgct acaccgggta agtgctgaat ctttcaacaa      900
gaatgtattg agaactgagt ccaggcacag tggctcacac ccgtaatccc agcagtttgg      960
gagggccgag cgggcagatc acctgaggtc aggagttcga gaccagtctg gctaacaatg      1020
ctgaaacccc atctctacta aaaatacaaa aattagccag gtgaggtggg gcatgcctgt      1080
agtcctagct acttgggagg ctgaagtagg agaatacatt gaatccagga gagggaggtt      1140
gtggtgagcc aagatcacac cactgtgtctc cagcctgggt gacagagcga gactctgtca      1200
aaaaaaaaa                                         1209
```

<210> 4162
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(525)
 <223> similar to gi3875032 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4162

caggattcgt	gtattttaact	attattatatt	ggcctcacat	caccagactg	atgcttatag	60
ccttcttttc	agtggcatgc	tattttgccg	tttgacacct	cctttatgtc	ttaattttctt	120
gggtttgacc	catatggatt	catctatctc	tcacaagaat	actcaaccaa	ctgcttatac	180
atctattatg	ggttccatga	aagttttatc	ctttattgca	gatggattct	atatatatta	240
tcctatgttg	gtggttaattc	tctgcattgc	tacttatttt	agtttgggaa	cccgttggtt	300
gaatctgctc	ggtttccagc	agtttatggg	agatgatgat	atgacatcag	acttagttaa	360
tgaaggaaaa	gaattaatca	gaaaagagaa	gagaaaaagg	caaaggcaag	aagaagggtga	420
aaatcgaaga	agagaatgga	aagaacgtta	tggacacaat	agagaagatt	ccactaggaa	480
cagaaatatt	catactgacc	caaagagtc	aaacttctca	gatgttaata	ccaaccgttc	540
tgcattcaaa	tataccaggg	ctaataacag	gactgaaagg	gaccggatag	aacttctcca	600
agatgcagaa	cctttggatt	ttaatgcaga	aacattcact	gatgatcctc	ttgaatctga	660
atcaggaagg	tatcagcctg	gtggacgata	tctctcgatg	tctcgcagtg	acatattt	718

<210> 4163
 <211> 1382
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1383)...(694)
 <223> similar to gi5305403 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4163

aagattgagg	cccaatttaa	ccccttttta	caaactgtgt	ccttgggcag	atttttttgt	60
ttcatagggg	gaaagcccct	gttcctcca	gcccccgagg	gtaaggggcc	cgccagttgt	120
taccccccca	aaaaattaaa	aaaccttttg	tttttttttc	aagggttttc	tttttccaaa	180
gtatccccctt	taaataagaa	gcctttgagg	gtccaaggat	ccaacggggt	tttttttttt	240
tttctcagct	tgaagagg	ctggaaatgg	gatgcagggt	aggttcaaag	cttaaccttt	300
gtaacaactg	gacacaaggt	tcctcagaat	tgtcaaaagt	ctcttgtagc	acatcctaca	360

acctttttctc	aataaacaac	aatatatgaa	ataattacca	aaacatctcc	taattcatat	420
aatttacatg	atataagctt	gcttgataac	agctgggtgt	cagtcgtgaa	aaaacacaca	480
aagtaaaatg	gttgctgact	acaatgtaca	gctattgctg	gggtgtgatg	aatgtacaaa	540
cggaggtcga	tgtagacgag	ttttttccac	cagagatatt	gcctttccat	gcagcacttg	600
tgctctcagc	tttaacttgg	cttttggttc	ttcctttatc	ttcagtatct	gttctgatgc	660
tcataatgcc	accgattaac	atctatatta	aaagctacaa	tgctaccaga	agccatgcc	720
gtgatcagag	tcctctggtc	atgggacaag	tccattgctc	taatgccagc	atcacatcca	780
gggtaaatgt	acagttgctt	gaagtcacag	gcctgccaga	cctctactac	cccattgtcc	840
cctccggtga	ccaggttctg	gccgtcactg	ctcaggagaa	tggtccgtgt	tgaatcattg	900
atctccattt	gagccaaaag	tttcccatta	atgctgaaat	tactgaatcg	ccctcgttca	960
tagtatatga	tacagtggcc	ttcgctggag	acagatatca	agcgtgggaa	taagcagttt	1020
tctggtcctt	caagggctct	cagcaaactc	ccagtgtatg	tgtggacaag	gcaagggccc	1080
tctttagcac	cactgataac	aagcccaagt	tctgcacaga	cagaaacaca	gacaacttca	1140
tggtcatggc	ctgtgaggac	ggctcttggt	gccggatagt	cactgctgtt	agggttgtct	1200
cctatgatat	gggtccgccc	actccagtac	cagagcagca	gggtggcatc	tcgagatccg	1260
gacacgatgt	agcagtcccc	accaatgtat	gactcggacc	tggtccaagca	agtgaccaca	1320
tcccaatggc	caaatacaat	ctgagtcaat	ttcctgtttt	ctgtagaata	aactctgaag	1380
ct						1382

<210> 4164

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(671)

<223> similar to gil77872 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4164

gcattctgccc	gcttctcttc	tactcaggat	actgtagtgt	ctctccaagc	tcttgccaaa	60
tatgccacta	ccgtttacgt	gccatctgag	gagatcaacc	tggttgtaaa	atccactgag	120
aatttccagc	gcacattcaa	catacagtca	gttaacagat	tggtatttca	gcaggatacc	180
ctgcccgaatg	tccctggaat	gtacacgttg	gaggcctcag	gccagggctg	tgtctatgtg	240
cagacgggtgt	tgagatacaa	tattctccct	cccacaaata	tgaagacctt	tagtcttagt	300
gtggaaatag	gaaaagctag	atgtgagcag	ccgacttcac	ctcgatcctt	gactctcact	360
attcacacca	gttatgtggg	gagccgtagc	tcttccaata	tggtctattgt	ggaagtgaag	420
atgctatctg	ggttcagtc	catggagggc	accaatcagt	tacttctcca	gcaaccctg	480
gtgaagaagg	ttgaatttgg	aactgacaca	cttaacattt	acttggatga	gctcattaag	540
aacactcaga	cttacacctt	caccatttagc	caaagtgtgc	tggtcaccaa	cttgaaacca	600
gcaaccatca	aggtctatga	ctactacctt	ccagatgaac	aggcaacaat	tcagtattct	660
gatccctgtg	aatgaggata	ggagctggaa	actcaattag	tcctctgtga	cattactgga	720
gggtggaaca	ttcttctgtc	gcttgaagca	gaactcattc	aatcaaataa	tttaattt	778

<210> 4165

<211> 370
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(348)
 <223> similar to gill127843 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4165

cactggggaa	aaaccgtatg	aatgtaatca	gtgtgggaaa	tccttcagcc	agagttatgt	60
tcttggtgta	catcagagaa	ctcatactgg	agaaaagccc	tatgaatgca	gtcaatgtgg	120
gaagtccttc	agacagagtt	catgccttac	tcaacatcag	agaactcata	ctggagagaa	180
accatttgaa	tgtaatcagt	gtggaaaaac	atttagcttg	agtgtctgac	ttattgtgca	240
tcaaagaact	catactggag	agaaaccctt	tacatgtatt	cagtggggaa	aagctttcat	300
taatagctat	aaacttatta	ggcatcaggc	aactcatact	gaagagaaaac	tctatgaatg	360
taactagttt						370

<210> 4166
 <211> 1681
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1680)...(251)
 <223> similar to gi4490304 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4166

tttttttttt	ttgggctaga	ggtttgggct	ttaatggcag	ctggggtaaa	aggaaacaaa	60
aacagtaatt	ctgaagagca	cagggaaacag	gcagccagga	ccagcctggc	ccattccagg	120
ccagctgagc	tgaaatgctg	attctgtcca	gggggctgct	gtatgtgtag	actggtggca	180
gtcttgggga	ctgaggcctc	ttggagagaa	gggaagactg	tcggctcaga	agtcctatgga	240
gctgtggggc	aggtagtctt	tgcgaccgat	gttgtgacc	tgcttgggtc	gcatagcctc	300
gagtttgggg	cagtcagtga	tccgatgacc	caggcccccg	cagaaggcac	agccgcgctc	360
tcttccaatg	tccagcatgg	actcatcccc	gcaatgcagc	acctgcagca	cgggcggcac	420
cttctgcttg	gcttctagca	gcagcgcttt	gagggtccatc	agcactgact	catcacacgc	480
tttgttgatg	aaggtagtgg	cgatgcctgt	gtttcccagag	cgcccgggtgc	ggccaatccg	540
gtgtacatag	ttctcaatct	cctctggcat	gtcataattg	atgacgtgct	ggatggcagg	600
gaagtccagg	cccttgagg	caacgtctgt	ggctactagg	acatccttct	tgcctccccg	660
gaatgcctcg	atggccttag	tccgttctct	ctgggtctttg	cccccatgga	tggttacggc	720
ctcaaccccc	ttgagcagca	ggtactcgtg	gatggcgctc	acgtctgcct	tcttctctgc	780
aaagatgagt	acaggcgggg	gtgtcttctg	caggcactcg	agcaggtaca	ccatcttggc	840
ctctctcttc	acatattcta	cctcctggat	gacatccagg	ctggcagccc	cagcgcgccc	900
cacattgatg	gtcacaggct	ttacaagggc	actcttagca	aagttctgaa	tcttcttcgg	960

catggtggca	ctgaagagca	gggtctgtcg	ctggcccttg	aagtaggaga	agatggtacg	1020
gatgtcacc	tcgaagccca	tgctgatcat	gcggtcagcc	tcgtccaggg	ccaggtagcg	1080
acagatgtct	aggctgacca	tcttcttctg	cagcaaattcc	atgaggcgcc	ccggggtggc	1140
caccatcatg	tgtacaccgt	gtcggatggt	ctccatctgc	tctttcacgg	acatgcccc	1200
aatgcagagg	gcgcagcgca	ggagtgggtga	gctgtcctcc	tcagcagggc	ggcagtagta	1260
ctccaggatg	ccatgggtct	gccgggccag	ctcccgcgag	gggcagatga	tgagtccata	1320
gggcccctcg	cgctttgaga	agggtaacct	cttctcttgt	tccaggcaga	acatgatgac	1380
gggcaacgtg	aacaccagtg	tcttgctga	acccgtgaaa	gcgatgccta	tcatgtcacg	1440
gccagataga	atggtgggga	tgccctggat	ctgaatgggt	gttgggtggt	gaatgccttt	1500
cttcttcagg	cctctcagga	tggctgcagg	aaacttcatt	tccttgaagc	tcttgatggg	1560
tggtgggata	ccgtctccct	ccaccaggat	gtggattttc	ttccgcacgc	gctcatgtcg	1620
ctcttcagac	atgctcagaa	cataacgggg	tggagtccag	ctggttttga	tggggtcac	1680
a						1681

<210> 4167

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(376)

<223> similar to gi3800830 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4167

atcgagacca	cccagcccag	tgaggacacg	aatgccaaca	gtcaggacaa	cagcatgcaa	60
cctgagacaa	gcagccagca	gcagctcctg	agccccacgc	tgctcgatcg	aggaggaagt	120
cggcaagatg	cagccgacgc	agggaaaccc	cagaggaaat	ttgggcagtg	gcgtctgccc	180
tcagcccaaa	aaccaataag	ccattcagtg	tcctcagtca	acttacggtt	tggaggaagg	240
acaaccatga	aatctgtcgt	gtgcaaaatg	aaccccatga	ctgacgcggc	ttcctgcggt	300
tctgaagtta	agaagtgggt	gacccggcag	ctgactgtgg	agagcgacga	aagtggggat	360
gaccttctgg	atatttaggt	ggatgtcaat	gtagatgaat	ttctagtggg	ggaaaccggt	420
ttctaataat	gtccttgatt	gtccagtga	caatctgtaa	ttgatctata	actgaattcc	480
agcttgtcac	aagatgttta	ttaaattgatt	ttcatcctgc	cacagaaagg	cataagctgc	540
atgtatgatg	ggttactatc	aatcattgct	caaaaaaatt	tttgataat	gacagtactg	600
ataatattag	aaatgatacc	g				621

<210> 4168

<211> 1282

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (215)...(846)

<223> similar to gi486509 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4168
aggggagcgc acgcggaaga tgactcaggg cccactttga acctcctggg tacttgagca    60
agctcaaggg tggtcggacc tctagggaga cgttgcacga cgcagtttgg aaagaacttg    120
ggaattctcc ctgggggggct cgctgtatct actgggaact agtcttgagc gaaggcttat    180
gtacagaagt acgtcgtgaa gaattatttc tactattacc tatcaatttt cagctgcttt    240
gggccaagaa gtgttctaca tcacgtttct tccattcact cactggaata ttgacctta    300
tttatccaga agattgatca tcatatgggt tttgggtgat tatattggcc aagtggccaa    360
ggatgtcttg aagtggcccc gtccctcctc ccctccagtt gtaaaactgg aaaagagact    420
gatcgtgtaa tatggaatgc catccacca cgccatggcg gccactgcca ttgccttcac    480
cctccttacc tctactatgg acagatacca gtatccattt gtgttgggac tggatgatggc    540
cgtggtgttt tccaccttgg tgtgtctcag caggctctac actgggatgc atacggtcct    600
ggatgtgctg ggtggcgctc tgatcacgcg actcctcacc gtcctcacct accctgcctg    660
gaccttcacc gactgcctgg actcggccag cccctccttc cccgtgtgtg tcatagttgt    720
gccattcttc ctgtgttaca attaccctgt ttctgattac tacagcccaa cccgggaggga    780
caccaccacc attctggctg ccggggctgg agtgaccata ggattctgga tcaaccattt    840
cttccagctt gtatccaagc ccgctgaatc tctccctgtt attcagaaca tcccaccgct    900
caccacctac atgttagttt tgggtctgac caaatttgca gtgggaattg tgttgatcct    960
cttggttcgt cagcttgtagc aaaatctctc actgcaagta ttatactcat ggttcaaggt   1020
ggtcaccagg aacaaggagg ccaggcggag actggagatt gaagtgcctt acaagtttgt   1080
tacctacaca tctgttggca tcggcacaaa ggtttagcgc cagatgccaa cagatgtgta   1140
ggtaaccttt gtgccgatgc ttcacaggtt tctgggatta ccctgagtct caaacagttg   1200
gaaactagcc cactggacat gaaagccaag acataggaaa gttattggta ggcaaactct   1260
gacaacttat ttttctttaa ca                                     1282

```

```

<210> 4169
<211> 2207
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2208)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (2)...(1612)
<223> similar to gi5689453 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4169
cgaagcatct gcacttttgt atcttttgat gagaaacagc tttgagtata ccaaaaggaa    60
accctttttg aggacacatc tacagataat aattgctgta agccaactga tagctgatgt    120
agcactaagc ggaggatcaa gatttcagga gtctttattc attatcaata attttgcaaa    180

```

tagtgacaga	cctatgaagg	caactgcctt	tcccgcagaa	gtcaaagact	tgaccaagag	240
aatccgcact	gttcttatgg	ccactgcccc	aatgaaggag	catgagaaag	accctgaaat	300
gctaattgat	ctccagttata	gcttagccaa	gtcctatgca	agcaccaccag	agctcaggaa	360
aacctggcctt	gatagcatgg	ccaagattca	tgtaaaaaat	ggagattttt	cagaggctgc	420
gatgtgttat	gtccatgtag	cagctctagt	tgcagagttt	cttcacgaa	aaaaattatt	480
tcctaacgga	tggtcagcgt	tcaagaaaaat	tactcccaat	atagatgaag	aaggagcaat	540
gaaagaagat	gctgggatga	tggatgtcca	ttatagtga	gaggtcttgc	tggagtgtgc	600
agaacaatgt	gtggatggct	tatggaaggc	agaacgttat	gaaataattt	ctgagatttc	660
caagttgatc	gttccaattt	atgagaaacg	tctgtagttt	gagaaactta	ctcaagttta	720
tagaactctt	catggagcct	acacaaaaat	tctggaagtt	atgcatacaa	aaaagagact	780
tttaggcact	ttcttcagag	ttgcctttta	tggccaatct	ttttttgaag	aagaagatgg	840
aaaggagtac	atctataaag	aaccaaagct	cactggcctc	tcagaaattt	ccttgagact	900
tgtaaactt	tatggtgaaa	agtttggtac	ggagaatgtc	aaaataattc	aggattcaga	960
caaggtaa	gccaaagagc	ttgatccaaa	atatgtcat	atacaagtta	cttatgtgaa	1020
gccttacttt	gatgacaaa	aactcacaga	aaggaagacc	gagtttgaaa	gaaatcataa	1080
tatcagcaga	tttgtttttg	aggcccctta	cactttatca	ggcaaaaaac	agggctgtat	1140
agaagaacag	tgcaaacgcc	gtacaatctt	gacaacttca	aactcgtttc	cttacgtgaa	1200
gaagaggatt	cctattaact	gtgaacagca	gattaattta	aaaccaattg	atgttgccac	1260
tgatgaaata	aaagataaaa	ctgcagagct	gcaaaagcct	tgctcctcta	ctgacgtgga	1320
catgattcag	ctccaactta	aattgcaggg	ctgtgtttct	gtgcaggtea	atgctgggcc	1380
attagcatat	gcaagagcct	tcttaaata	cagccaagct	agcaagtatc	cacctaagaa	1440
agtgaagtga	ttgaaagaca	tgtttaggaa	atttatacaa	gcatgcagca	ttgcacttga	1500
actaaatgag	cggctaatta	aagaagatca	agttgagtac	catgaagggc	taaagtcaaa	1560
tttcagagac	atggtaaaa	aattatctga	cattatccat	gagcagatat	tacaagaaga	1620
cacaatgcat	tctccctgga	tgagcaacac	attacatgta	ttttgtgcaa	ttagtggtac	1680
atcaagtgc	cgagggttatg	gttcccccaag	atacgtgaa	gtgtgaggaa	atgcagatgt	1740
acgtgacaat	gagactgacc	tttctcagga	atatttggag	ctgtgcaaat	gttaaaattt	1800
aaagatttga	tatacatgga	gtgtttcttc	tcgacaccaa	aattttcatg	tgttccaaca	1860
gggtgcttac	atatttgtaa	ataagcaact	tgaaagtgcc	tggaaaattg	caccactgtg	1920
cttggtttgt	acttttttag	gtaaatctat	atgctgaaaa	gtagagctca	aaaacagtag	1980
ttcaatttgc	ttaattattg	cttaaaataa	tggtactatg	taaaattgta	taatggaata	2040
caataaaagg	taaaacttat	ttgtaattag	aagtgaagaa	aataatactt	tgaacttagc	2100
atttttcttg	acaagaagct	caattcatta	tcatacta	ccttggtagg	aggagaggaa	2160
aattgataac	atttccgtaa	tacacggata	tttaaaattg	gngagat		2207

<210> 4170

<211> 1707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1197)

<223> similar to gi2852640 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4170

ccgggaacgg	gcggtgggga	gcgggaggag	ctggccctgc	ctctgcctgg	ccggcgccgc	60
agtcggcgcg	ggccgcgccc	gccgcgcca	actgcctga	gcgcttgctg	aggccgaggg	120
agacgtcggg	gcctgcacct	ggaggaggcc	tgccgcgctg	gccccgagga	gggggcgttg	180

ccatggcgac	agcctctccc	gctgctgacg	gggggcgggg	gcggccctgg	gaaggagggc	240
tggtctcctg	gcccccgcc	cctccccctta	ctctccccctg	gacttggatg	ggcccgagtt	300
gggggcaaca	ccccgggcat	tggggctttc	cagctctcac	agaaccttca	gcacccccag	360
ctgccggtct	tggcatcttc	gaagtaagga	gagttttaga	tgcttctgga	tgttcaatgc	420
tagcaccttt	acagactgga	gcagctcgat	tttcttcgta	tttactttca	agagcaagaa	480
aagtgtctggg	ctcccactta	ttttctccct	gtggtgttcc	ggagttctgc	tccatatcca	540
ccagaaagct	ggcggccccc	ggctttggcg	catccatggc	ggcaatgggtg	tccttccttc	600
cccagaggta	tcactacttt	ttagtgctgg	actttgaggc	cacgtgcgac	aagccacaga	660
ttcatcctca	ggaaatcatc	gagttcccca	tcctaaagct	aaatggccgg	accatggaga	720
ttgagtctac	ctttcacatg	tatgtccagc	ctgtagtcca	tccacagctt	acccattctt	780
gtacagagct	caccgggatt	attcaagcca	tgggtggatg	tcagccaagc	ctgcagcaag	840
tgctggagag	ggtcgatgaa	tggatggcga	aggaaggcct	cttagatcca	aacgtcaagt	900
caatttttgt	cacctgtgga	gactgggact	taaaagtcac	gctcccaggc	cagtgccagt	960
acttgggctt	gccagtggcg	gattacttca	agcagtggat	taatctgaaa	aaggcttaca	1020
gcttcgccat	gggctgctgg	cccaagaatg	gacttctaga	catgaacaag	ggcctcagcc	1080
tgcaacacat	aggccggccc	cacagcggca	ttgacgactg	caagaacatt	gccaacatca	1140
tgaagacact	cgcctatcga	ggcttcatct	tcaagcagac	atcgaagccg	ttctgattgg	1200
ccgaggacag	gatggggcag	gacagggtag	ctgtttggcc	cagcccagaa	tcctcctctc	1260
cctcaccaga	ggggaagagg	gagagtggca	tagctctgtg	tccagagtgt	ccccaaagcc	1320
ttccctgtgg	ggctcatgcc	ccttggccgt	gggctttgtt	gccctttgca	aggggctttg	1380
gccacttggc	cctttctgga	agcaagacac	ttttgtgccc	ccccatcccc	caccctcaa	1440
tctcagccca	gtatcagccc	ctcccattgc	gggcctgggc	taagggggac	cccaggcact	1500
caccgcctcc	tcccctggta	caacaggcct	ctgtggggcc	accaagacc	tcgctgtgcc	1560
ccctcccatc	cataagtgca	tggtgtgtgg	tcgcccagg	gctccaggac	agatcaggcc	1620
ccaccttgtg	tctaccccc	tccccgctgt	gaacgtgcc	ctgaataaag	tcggggaaac	1680
gaggcactgg	gtgtgtgtgc	aaagcca				1707

<210> 4171

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (53)...(317)

<223> similar to gi3875142 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4171

agcagcgca	ggtgctgcgg	cgtgcgtat	aagtatcaat	cagccggttg	cttttgtgag	60
aagggttct	tggactgcgg	cgtcgagtca	gctgaaagaa	cactttgcac	agttcggcca	120
tgttagaagg	tgcattttac	cttttgacaa	ggagactggc	tttcacagag	gtttgggttg	180
ggttcagttt	tgttcacaag	aaggacttcg	gaatgcacta	caacaggaaa	atcatattat	240
agatggagta	aagggtccagg	ttcacactac	aaggcccata	cttccgcaaa	catctgacga	300
tgagaagaaa	gattcttgag	actgcagcct	attaataaag	ttatatacct	g	351

<210> 4172
 <211> 468
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(224)
 <223> similar to gil438971 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4172

taacgatcgc	ttctctgctt	gctacttcac	cttgaaactc	aaggaagcag	ctgttagaca	60
gcgtgaagcc	ctaaagaagc	ttaccaagaa	tatagccact	gactcatata	tcagtgttaa	120
cttgagagat	gtctatgccc	ggagtatcat	ggagatgctg	cgactgaaag	gcagagaaaag	180
agcaagtact	aggagcagcg	ggggagatga	tttctggttt	tgaattaatt	ttcaatttat	240
ttacaaaagc	tatgtacaat	taactaaaat	gataaagcag	tgatgtggat	ttctgtattc	300
tgatgatgag	tctcttcaga	gtactgctca	tcttaattaa	tttttgctga	tatattgctt	360
catctactag	aatatttcac	atcacctata	acaactgcac	agtgttctga	cacatttgag	420
tgtccaaaat	agccaattaa	cacaaccaa	tacaactggg	catgtatt		468

<210> 4173
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(449)
 <223> similar to gil332522 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4173

aactagtaga	atatgatatg	cttcgggaga	tgttcagtga	ttctagaagt	aacaatgatg	60
atgatgagga	tgaggatgat	gaagatgagg	atgaggatga	ggatgaggat	gaagatgaag	120
acaaagaaga	ggaggaggaa	gattgttctg	aagagtatct	ggaaaggcag	ctgcaggccg	180
agtttattga	atctggccag	tatagggcaa	atgaaggtag	cagttcaata	gtcatggaaa	240
ttcagaagca	gattgagaaa	aaggagaaaa	agctccataa	gattcagaat	aaagcacaaa	300
gacagaagga	tctcatcatg	aaagtggaaa	acctgacact	caagaatcat	tttcagtctg	360
tgctggagca	gcttgagtta	caggaaaaac	aaaaaaatga	gaagctcatt	tccctacagg	420
aacagttgca	gcgttttctg	agaagtggag	gagagccatt	ggcgtggccc	acaaaccttg	480
gattcaccat	ccagactgca	gattggatga	aactgtgcac	gtttttgtcc	cttcagttgc	540
cttatgttga	atcagttata	tttatctgta	ccttctttgc	tacttaaaat	atgctcacag	600
tttgtagtca	tgtagaaaag	gccagtataa	aaatgtagta	gacttaaaga	ccccactcga	660
ccatgagact	ttctctttgt	caatttgagg	attattatta	ttaatttaga	aatgggggtct	720
tgttatgttg	cccaggctga	attcagactc	ctgggcttaa	gggatccttc	cgcctcagcc	780
tc						782

<210> 4174
 <211> 318
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(319)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (318)...(121)
 <223> similar to gi344422 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4174
 gttttttatt aggcggaatc cagaggctca aggccttca taatatcccc cagtttagta 60
 gttggactta gggaacaaag gaaccttta tagaaattgg acagcatgaa agcgagctta 120
 gtgatacttg tgggccaggg cattagccac accagccacc actttctgat aggcagcctg 180
 cactggtggg gtgaattctt tgccaaagt atgggccagc acacagacca tcacgttgcc 240
 caggagcctg aagttctcag gatccacgtg cagcttgta cagtgcagct tactcagtgg 300
 ggcaaagggt cccttgan 318

<210> 4175
 <211> 602
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (22)...(456)
 <223> similar to gi3341863 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4175
 cccacccac acctgctgcc caccaccccg gcagcacctt tccctgcccc ggcttcagag 60
 tgccctgttg ctgctgccac tgccccccac actccagggc catgtcagag ctcccatcta 120
 ccctccacca gcatgccgct cctgaagatg cccccacat tctcgggggtg cagccacccc 180
 tgcagcgggc actgtggtgg gcaactgcagt gggcctctcc tcccaccccc gagctctcag 240
 ccactcccta gcaactcacag ggatccccgg tgcaaggggc acaagtttgc acacagtggc 300
 ctggcttgcc agctgcccc ggcctgcgag gcatatgagg ggctgggtga ggaagaggat 360

agcagctctg agcgaagctc ctgcacctca tcttccaccc accagagaga tgggaagttc	420
tgtgactgct gctactgtga gttcttcggc cacaatgcgg caaaaggaaa ggaaatggca	480
cagagaaagc tatgattctg atgagtatgt atacgtgtgt aatcccacag aagtgaacgc	540
ttgtgagtga tgaaggcaga gtggaagcaa aaaggctctc agtcccccaa gtgtgacagc	600
cg	602

<210> 4176
 <211> 219
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (205)...(73)
 <223> similar to gi4140696 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4176	
gacttttata gtcttgagg cgatctgtga tatgtgttag tgggacttga ggataaaggt	60
atacactcag tactgtcgaa gctgacgtga ttgtttatgc acagcattca caaaggcgcc	120
cacatgttct ggggtctatgt gaggataaag gccatggtcc atgttggtta tgtatcgatg	180
tgggccatag tccatcagca tgtgtgtcga cacgaacgt	219

<210> 4177
 <211> 334
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (336)...(134)
 <223> similar to gi344422 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4177	
ctgagaatag aggttttggga ttacgcataa tccacatgct caaggccctt cataatatcc	60
cccagtttaa tatgtggact tatggaacaa aggaaccttt actagaaatt ggacagcacg	120
aaagctatct taatgatact tgagggccag ggcattaacc acaccagcca ccactttctg	180
ataggcagtc tgcactgggtg ggggtgaattc tttgcaaag cgaagggccca gcacacagac	240
cagcacgttg cccaggagcc tgactttctc aggatccacg tgcagcttgt cacagtgcag	300
ctcactcagt gtggcaaagg tgcccttgaa gctg	334

<210> 4178
 <211> 2736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (117)...(1029)
 <223> similar to gi4589624 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4178

acaagcctgt	gagcaagcac	aagcgggatg	agttggtgag	agccattgaa	tcacccttgt	60
agaccctgaa	ctatcctgca	gagaacagct	tcaatcacccg	tccttacacg	gcttgtgatt	120
tcatagaagg	gatctaccga	acagaaaggg	acaaagggac	attgtatgag	ctcaccttca	180
aaggggacca	caaacatgaa	ttcaaacggc	tcactcttatt	tcgaccattc	ggccccatca	240
tgaaagtga	aaatgaaaag	ctcaacatgg	ccaacacgct	tatcaatgtt	atcgtgcctc	300
tagcaaaaag	ggtggacaag	ttccggcagt	tcatgcagaa	tttcagggag	atgtgcattg	360
agcaggatgg	gagagtccat	ctcactgttg	tttacttttg	gaaagaagaa	ataaatgaag	420
tcaaagggaat	acttgaaaac	acttccaaag	ctgccaactt	caggaaactt	accttcattc	480
agctgaatgg	agaattttct	cggggaaagg	gacttgatgt	tggagcccg	ttctggaagg	540
gaagcaacgt	ccttctcttt	ttctgtgatg	tggacatcta	cttcacatct	gaattcctca	600
atacgtgtag	gctgaataca	cagccagggg	agaaggtatt	ttatccagtt	cttttcagtc	660
agtacaatcc	tggcataata	tacggccacc	atgatgcagt	ccctcccttg	gaacagcagc	720
tggtcataaa	gaaggaaact	ggatttttga	gagacttttg	atttgggatg	acgtgtcagt	780
atcggtcaga	cttcatcaat	ataggtgggt	ttgatctgga	catcaaaggc	tggggcggag	840
aggatgtgca	cctttatcgc	aagtatctcc	acagcaacct	catagtggta	cggacgcctg	900
tgcgaggact	cttccacctc	tggcatgaga	agcgtgcat	ggacgagctg	acccccgagc	960
agtaacaagat	gtgcatgcag	tccaaggcca	tgaacgaggc	atcccacggc	cagctgggca	1020
tgctggtgtt	caggcacgag	atagaggctc	accttcgcaa	acagaaacag	aagacaagta	1080
gcaaaaaaac	atgaactccc	agagaaggat	tgtgggagac	actttttctt	tccttttgca	1140
attactgaaa	gtggctgcaa	cagagaaaag	acttccataa	aggacgacaa	aagaattgga	1200
ctgatgggtc	agagatgaga	aagcctccga	tttctctctg	ttgggctttt	tacaacagaa	1260
atcaaaatct	ccgctttgcc	tgcaaaagta	acccagttgc	accctgtgaa	gtgtctgaca	1320
aaggcagaat	gcttgtgaga	ttataagcct	aatggtgtgg	aggtctttga	tgggtgtttac	1380
aatacactga	gacctgttgt	tttgtgtgct	cattgaaata	ttcatgattt	aagagcagtt	1440
ttgtaaaaaa	ttcattagca	tgaaggcaa	gcatatttct	cctcatatga	atgagcctat	1500
cagcagggct	ctagtctcta	ggaatgctaa	aatatcagaa	ggcaggagag	gagataggct	1560
tattatgata	ctagttagta	cattaagtaa	aataaaatgg	accagaaaag	aaaagaaacc	1620
ataaatatcg	tgtcatattt	tccccaagat	taaccaaaaa	taatctgctt	atcttttttg	1680
ttgtcctttt	aactgtctcc	gtttttttct	tttattttaa	aatgcacttt	ttttcccttg	1740
tgagttatag	tctgcttatt	taattaccac	tttgcaagcc	ttacaagaga	gcacaagttg	1800
gcctacattt	ttatattttt	taagaagata	ctttgagatg	cattatgaga	actttcagtt	1860
caaagcatca	aattgatgcc	atatccaagg	acatgccaaa	tgctgattct	gtcaggcact	1920
gaatgtcagg	cattgagaca	tagggaagga	atgggtttgt	ctaatacaga	cgtacagata	1980
ctttctctga	agagtatttt	cgaagaggag	caactgaaca	ctggaggaaa	agaaaatgac	2040
actttctgct	ttacagaaaa	ggaaactcat	tcagactggt	gatatcgtga	tgtacctaaa	2100
agtcagaaac	cacattttct	cctcagaagt	agggaccgct	ttcttacctg	tttaaataaa	2160
ccaaagtata	ccgtgtgaac	caaacaatct	cttttcaaaa	cagggtgctc	ctcctggctt	2220
ctggcttcca	taagaagaaa	tggagaaaaa	tatatatata	tatatatata	ttgtgaaaga	2280
tcaatccatc	tgccagaatc	tagtgggatg	gaagtttttg	ctacatgtta	tccaccccag	2340

gccaggtgga	agtaactgaa	ttatTTTTTT	aattaagcag	ttctactcga	tcaccaagat	2400
gcttctgaaa	attgcatttt	attaccattt	caaactattt	tttaaaaaata	aatacagtta	2460
acatagagtg	gtttcttcat	tcatgtgaaa	attattagcc	agcaccagat	gcatgagcta	2520
attatctctt	tgagtccttg	cttctgtttg	ctcacagtaa	actcattggt	taaaagcttc	2580
aagaacattc	aagctgttgg	tgtgttaaaa	aatgcattgt	attgatttgt	actggtagtt	2640
tatgaaattt	aattaaaaca	caggccatga	atggaagggt	gtattgcaca	gctaataaaa	2700
tatgatttgt	ggatatgaaa	aaaaaaaaaa	agggggg			2736

<210> 4179
 <211> 597
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(173)
 <223> similar to gi4826478 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4179						
ctccccaggt	ccagcctccc	ccagccccagt	ctctttgagt	aaccctgcac	gggtggacct	60
gggggctgcc	acagcagagg	gaggagcccc	tgaggctatc	agtgggggtcc	ccactcccc	120
agctatcccc	cctcagcccc	gccccaggag	ccttgccctca	gagaccaact	gagtggctgg	180
tttctcccta	agcagccctc	agcaccctct	ccctccccac	ctggccctcc	caggacagct	240
ctcgcccccc	acaaaggggc	atgggcctcc	agcctttgcc	cacaagtgcc	tcagtgccca	300
ctgggtcggc	ccccatggcc	aggagggtcc	aggacaatcc	tctatttcct	gaccttttcc	360
tcgtccaccc	tgggcttggg	gaccccccca	ccggactctc	cactctccgg	caggctcctag	420
gggagccacc	ggaaggaagg	agaggtttgc	ctgctcctac	gggactgatt	cttctcttgc	480
cgacatgttt	tttgttaaggc	tggtaaataa	attatttttg	acaaaactgg	agcagctgcc	540
caaatgatag	ttttattttc	tgtccttgaa	ataaagaagc	caatttttaa	aaaaaaa	597

<210> 4180
 <211> 845
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (769)...(545)
 <223> similar to gi4742002 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4180

gtgctgtatg	gttttctaaa	agcttgacac	cctgacagtc	tcccaacaag	acagatgaaa	60
agttattaga	gaagcctgct	taagacactc	tgttactggt	caaatgtcga	cttgctaaag	120
cagaagaaaa	gcaacatggc	caatcaccaa	acacaagacc	tcaactcctg	atgtcctttc	180
agccttcctt	tcttaccctc	caattcctga	tgctccttca	gccttccttt	cttaccctcc	240
aattcctgat	gtcctttcag	ccttcctttc	ttaccctcca	aaaggaattt	aaggattagg	300
catactttca	gttccgaaaa	gccaaagttg	gctccattgt	cagcaccagc	tctgacatct	360
gaaaatgcac	tgatctccct	ccagctaagg	aaacctgaga	aaccactctg	aaagaactgt	420
gagacctttg	cactaagacc	attagggatt	ctacgcaagg	ttctctctgc	tccttgcaaa	480
attacaggcg	tcatgaagga	tggcggctcg	taaatcgaag	cctttgaaac	aggggctcac	540
cgctccggcg	catcaacacc	ttgttgttct	gtgtgcacca	ccccacgggg	tgcaaatccg	600
cgatgactac	gtcacaccag	aagtcggccc	tgcggtcctc	cccgtaacgg	cagtagcgca	660
gaagcagcag	ctgccgcac	gtggtaatga	tcgtggccac	ccagtacgtg	tccgggttgt	720
tcttattagc	cacttccaat	ttcattcctg	gctggaagtt	gctctgaatg	ctgatttcaa	780
ccttaaggaa	tcagaaatag	agaaaaccca	ttactacact	agacacaata	catccagaag	840
atgac						845

<210> 4181

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (52)...(115)

<223> similar to gi30501 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4181

cggggctcgt	gcgtggatga	agaacgcagc	tagctgcgag	aattaatgtg	aattgcagga	60
caacgtcgct	atggaacctg	catctaccag	ggaagactct	gggcattctg	ctgctgagct	120
tgcataataa	gacgaatgag	ctcaaaattt	gctttgagag	ctacagggaa	ttgctattac	180
tctgtacct	tctgttcaat	ttccttttgt	cattttctagc	ttcattttct	ctatgctctc	240
tgtggatttc	ctgcatcgat	tattttctac	tctaatacgta	tctactattg	tctgtattcg	300
tgttcg						306

<210> 4182

<211> 947

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (47)...(862)

<223> similar to gi3337383 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4182
tccattgata tgagctatag taatgggtttc taaactcatt gattcgctgg gccagggcct      60
gctgctgcgc agcctgcagg agcgcaacca ggagcaggag aaggtggagc ggcgcctca      120
ggcccccttc cacctgcaca tcaacctgga gctgctggag tgtgtctacc tgggtgtctgc      180
catgctcctg gagatccccct acatggccgc ccatgagagc gatgcccgcc gacgcatgat      240
cagcaagcag ttccaccacc agctgcgcgt gggcgagcga cagccccctgc tgggtcccccc      300
tgagtccatg cggaacatg tggtcgctgc ctccaaggcc atgaagatgg gtgactggaa      360
gacctgtcac agttttatca tcaatgagaa gatgaatggg aaagtgtggg accttttccc      420
cgaggctgac aaagtccgca ccatgctggt taggaagatc caggaagagt cactgaggac      480
ctacctcttc acctacagca gtgtctatga ctccatcagc atggagacgc tgtcagacat      540
gtttgagctg gatctgcca ctgtgcactc catcatcagc aaaatgatca ttaatgagga      600
gctgaaggag ctgatggcct ccctggacca gccaacacag acagtgggtga tgcaccgcac      660
tgagcccact gccagcaga acctggctct gcagctggcc gagaagctgg gcagcctggt      720
ggagaacaac gaacgggtgt ttgaccacaa gcagggcacc tacgggggct acttccgaga      780
ccagaaggac ggctaccgca aaaacgaggg ctacatgcgc cgcggtggct accgccagca      840
gcagtctcag acggcctact gagctctcca ctctgtttcc cgcctgggccc atccaacctt      900
gaagtcctaa accacacctc agtcactaaa ggtctgttta aagttaa      947

```

```

<210> 4183
<211> 329
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (332)...(123)
<223> similar to gi344422 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4183
gctttttatt aggcagaatc cagatgctca aggcccttca taatatcccc cagtttaata      60
gctggactta ggggaacaaag gaacctttaa tagaaattgg acagcaagaa agcgagctta      120
ctgatacttg tggggccaggg cattatccac accagccacc actttctgat aggcagcctg      180
cactgggtggg gtgaattctt tgccaaagag atggggccatc acacagacca tcacgttgcc      240
caggagcctg aagttctcag gatccacgtg cagcttgcca cagtgcagct cactcaatgt      300
ggcaaagggt cccttgaggt tgtccaggt      329

```

```

<210> 4184
<211> 602
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (1)...(603)
 <223> n = a,t,c or g

<220>

<221> misc_feature

<222> (163)...(417)

<223> similar to gi2827162 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4184

ttactcactt	atcttcttgg	ttgaaagaat	agtctgcagc	tgcttctttt	cttattatat	60
tttaattttt	atatatccaa	tttattagct	ggtagtgaag	gatgatgaag	tttctggaat	120
cttggtttgt	cttgctctgc	tgactaatcc	ctgggggtgg	gtttggatat	tttacagctt	180
ttgatcttt	tcacccagtg	ggattgggtca	acctaccttg	ctgactatgg	tcagcccaac	240
tgcaagtacc	tccgggtaaa	cccagtgact	gctctgacct	tgcttgagaa	gatattctaga	300
gagatgaagg	atactagccg	caagaacaac	atgtttgcac	agtttcggaa	aaatgagcga	360
gacaagcaga	aactcattga	ctccgtggcc	aagcagctcc	gaggactcat	cagcagccac	420
cattcatgaa	gggtgacccc	ggaccacag	aggggacctg	ctgcagcctc	tgtgtcagtc	480
tggggtccag	ccccagctga	ccctgcattt	gtgcattgtt	cttcaaagag	agcatatggn	540
nnnnnnnnnn	aaccctgcg	cagtattcaa	aaaacaaatc	cctatagtaa	aagagcacta	600
ct						602

<210> 4185

<211> 1030

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(1032)

<223> similar to gi5305405 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4185

ctttactgtc	ttcattcttg	gaataactat	tcgaccactg	gtggagtttc	ttgatgtcaa	60
gagggtccaat	aagaaacaac	aagctgtcag	tgaagaaatc	tattgtcggg	tgtttgatca	120
tgtgaagact	ggaattgaag	atgtttgtgg	acattggggg	cacaactttt	ggagagacaa	180
gtttaagaag	tttgatgata	aatatctgcg	gaagcttttg	attcggggaa	accaaccaa	240
gtcaagtatt	gtatctttat	ataaaaagct	tgaaataaaa	catgccattg	agatggcaga	300
gactgggatg	ataagtactg	tccctacatt	tgcatctcta	aatgattgtc	gtgaagaaaa	360
aataaggaag	gtcacgtcca	gtgaaactga	tgaaattcga	gaactcttat	caagaaatct	420
ctatcaaata	cgtcagcgaa	ctttatccta	caacagacac	agtctgacag	ccgacacaag	480
tgagagacaa	gccaaaggaga	ttctgattcg	ccggcgacac	agtttgcgag	aaagcattag	540
gaaggacagc	agcttgaaatc	gagaacacag	ggcttccact	tcaacctccc	gatatttatc	600
cttacctaaa	aatacgaagc	ttccagaaaa	gctacaaaag	aggaggacta	tttctattgc	660
agatggcaat	agcagcgact	cagacgcaga	tgccggggacc	accgtgctca	atttgcagcc	720

cagagccagg	cgcttcttgc	cagaacagtt	ctccaagaaa	tccccccagt	cctataaaat	780
ggaatggaag	aatgaggtag	atgttgattc	tggccgagat	atgccagca	ccccccaac	840
accccacagc	agagaaaagg	gcacccagac	gtcaggctta	ctacagcagc	cccttctctc	900
taaagaccag	tctggctcag	agaggggaaga	cagtttgact	gaaggcatcc	cgcccaagcc	960
gccaccacgg	ctggctctgga	gggcatcgga	acctggaagc	cggaagccc	gatttgaggag	1020
tgagaagcct						1030

<210> 4186
 <211> 635
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (637)...(491)
 <223> similar to gi805296 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4186						
tttttttttc	atcttataag	gaacatttat	ttggtaaact	atctcataga	aatagactct	60
aaaatcaaac	agttttcttaa	acaacagaga	gcataatccc	aatctctccc	catgaaaagc	120
ctacttcata	actgaagtac	ctaaagccca	tgaactgcat	tactagaaga	aaggagggaa	180
aaagacattt	actaaacttc	cacaggaaga	ctgtataaat	ctggaagtgg	ttaagtacac	240
atcagcctgt	atccaagaat	actactcagt	ctcaaaaatt	aactgaaaat	ctaaacttaa	300
tatggatacc	ttctttgttc	tttggttaagg	ctcagaaaat	taccatctat	ttaagtacgc	360
atggtactag	ttacatgtca	actgatataa	taaaaaaggt	gaagtggaca	atcagtattt	420
caaaccacaat	acaggggaaat	cactagatgt	aaataagaac	ttttaaaagc	tattcttgag	480
ctccacttta	aaacaaacat	tcaggactgg	aatcttcaga	atcttctaata	atcttgaata	540
tccccatctt	ctcttttaatt	ggtcctgaag	cattcatttg	atcaataaga	tcacttcgat	600
ctaacaacaa	ctctagatct	ttatcactaa	tgacc			635

<210> 4187
 <211> 319
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (320)...(217)
 <223> similar to gi560623 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4187

cttagagctg	ttactttcta	agtacgcaac	accctagaca	attcaaggca	tcttaatctc	60
catcaagaaa	aacaagaaaa	aataattttt	gtcacgctgt	taaattccatc	attatggatg	120
aaactgggtgc	atattgggtca	aacggatcca	acaaacactg	atgtccaagc	tggtcatattg	180
gcaactaata	cgtaactggt	ggtcaataga	gagtttaaaa	gatcttcctt	ttcttcttgt	240
tcttttccaa	ggttctcgaa	gagttctggt	ctaaaatatg	ttgttgagct	tcccagtttg	300
ccttctcatc	ctcaaactg					319

<210> 4188

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(513)

<223> similar to gi295736 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4188

gcaatatcca	tggaattgt	cagtgttagt	tctcctgatg	ttagttcagt	atctgaatta	60
actaataaag	aagcagcttc	acaacgacct	cttagctctt	cagcaagtaa	cagactgtca	120
gtgagttctt	tgttggctgc	tggggcccct	atgagctcta	gtgcaagtgt	acctaacctg	180
tcctcaagag	aaacatctag	cttgagaggt	tttgtaagga	gagtggcaaa	catagcacgg	240
actaatgcc	cgaacaacat	gaatctaagc	cgaagcagca	gtgataacaa	cactaatact	300
ttggggagga	atgtgatgag	cacagcaact	tctcctctta	tggtgtctca	gagtttcctt	360
aatttgacca	cacctggtac	tacatcaaca	gtgactatgt	caacatccag	tggtactagc	420
agcagcaatg	tagctacagc	aacaacagtt	ttatcagttg	gtcaatcttt	aagtaacact	480
ttaaccacca	gcctcacatc	aacttccagt	gagagtgaca	caggtcagga	agcagaatat	540
tccttatatg	gtaagttgta	atttaaaatg	aaagtattta	gatactttca	taatgatgct	600
tttattatgt	tttctcctga	tatttttaac	ttttgtttta	agagaattat	tctctcttct	660
tataaatatg	aaatcttcgg	gccaggcaca	gtagctcaca	cctgtaatcc	cagcactttg	720
ggaggccgag	gcaggtggat	cagttgaggt	caggagtctg	agaccagcct	gaccaacatg	780
gtaaaacccc	atttctacca	aaaaaaaa				809

<210> 4189

<211> 1051

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1050)...(716)

<223> similar to gi2440074 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4189
aattatattg tgctctaattg ttacagaata attggaattc ttggcaaaaag gacttgcaca      60
ctcaagaatg aactttttttt cacacaaaaa gcttatcaag aacaagacag tggctcaaaa      120
accacttttc taaatatatt tccatacaaa ataatttcaa gatataatta ttagtttctt      180
gtagagtacg ctattttaaac aagaataaaa gagtaagtat gtgaaaactg caacaccaca      240
aaaattgagc catttttacta gtgtaattaa acattagaac aatcttgga caggcaagca      300
aaatattcag aaggggtgaat catggcgggc acagctaact gattttttacc atgacttgca      360
cactttgaga caacacaaat accttatgca gatggttcag tagcagaatg gcacttggtt      420
tgctcctaag agaaacaaca tgaatgcaac tgacaattta gagatagacc atggccctat      480
ttggcatgct gaaaatctgg ttgtgttctt ctagtccaca caccgttaac tgtgcaatct      540
gttgacgagt aaacaaatag tgcaggattc atctcagtga ggtctggggc ccttgggtct      600
accgaaatca attcttggtc gatactgcag taccataggg tatgactgat acaaagggcc      660
atcctgagag cagacttgcg aagctgagca gttcagacac cgaaagtttt cgctcttag      720
tcgccatctt gtcattgtaga tgaattccat agtatgatcc ttccccataa tttcaccatt      780
gcacagcaca tccaactcat aagaacttgg aagttttagt tttaaactta gaaatttttt      840
aatagttccc acagttacac gtgtagaaca tcgaatgaat ttcttcatta aaccctttac      900
tacattgtcc cctgattgcc cattatttcg taaacaatct agacagatag caatttgtgg      960
gtcacttctg tgataatctt tatcatcttc attttcatca ccttcttcat ctactttcgg     1020
tttgtcagct tttgaagtat catcttgcgc c                                     1051

```

<210> 4190

<211> 675

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (535)...(292)

<223> similar to gi4567070 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 4190
tttttttttt ttgatgggtg cacaacaatg tgaatgtatt taatgccaca aaccatacac      60
ttaacaatgg ttaagatggg aaatttgatg tgatgtatat ttgaccacaa tttgctcaat      120
gcaccattgc tggtttgaag gtggaggggc cacaggacca gggacaagga cttgggaacc      180
tcagtcctac agccatgagg agttgacttg tcaacagcct gaatggtcct ggaggcagat      240
gcttcccccg agcctccagg tgagagtgcg gccaccaag gcctgacgct agtctgagag      300
accccgctca gggcacccac tgagcccacc gcgacttctg cctgggagag ctctgtgggc      360
agccaggtgg caggagaggg gcagaggcgc agcatcgctc tcctgcagcc accgaagact      420
accgagcat cctcttggac caatagcaac tgcttcggag tggagacaat gtgtgggtcc      480
accctgggag catctcaaga ggctgggctc ctggggctgg cggccacatg ctctgaggag      540
caaggggatc atggggctgt ggtggaatgt tctacagggg acctgtgagg ctattgtgga      600
atgttctaga ggggatcatg gggctgttgc agaatgttct ggaggggatt atggagctgc      660
tgtggaatgt tctag                                                         675

```

<210> 4191
 <211> 6227
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(2176)
 <223> similar to gi2224587 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4191

gggagagaaa	ggagggatga	agccgcctgc	ccactggacg	ggagggctgc	agccagagct	60
tcagggtagc	cctgctggat	gggacagcac	tgagggctgg	acctgggggg	atggagaaca	120
tgggctgggg	gcagcagcca	tgccctacctg	ggggggccgc	cccgcgtccc	cagatcgctt	180
tgcggtgtct	gcggaggctg	agaacaaggt	tcgggaacag	cagcccatg	tggagcgc	240
cttcagcgtg	ggggtgagcg	tccttccgaa	ggactgtccg	gacaaccccc	acatctggct	300
gcagctggag	ggccccaagg	aaaacgccag	cagagccaag	gagtacctga	agggcctctg	360
cagcccagaa	ctgcaggatg	aaatccacta	cccggccaaa	ctgcactgca	tctttctggg	420
agcccagggc	ttcttccttg	actgcctggc	ctggagcacg	tcagcccatc	tggtgcccag	480
ggcgccaggc	tcactgatga	tcagtggcct	gactgaagcc	tttgtcatgg	ctcagagccg	540
ggtagaagag	ctggcagagc	ggctgagctg	ggacttcacg	ccaggaccat	cttccggagc	600
ctctcagtgt	actggagtgc	tgagagactt	ctctgccttg	ctgcagtccc	cgggggatgc	660
ccatagagag	gctctgttgc	agttgcccct	ggctgtccag	gaggagctgc	tgagtctggt	720
gcaggaggcg	tctagtgggc	agggggccagg	agcactggct	tcttgggagg	ggcggagctc	780
agccttgctg	ggtgctcagt	gccaaaggagt	gagagctccc	cctagtgcag	gcaggagctc	840
cctggacact	ggatctatgg	gacccggaga	ttgcagggga	gcaaggggag	acacttacgc	900
tgtggagaag	gagggaggga	cacagggtgg	tcccagggag	atggatttgg	ggtggaagga	960
gttgctggg	gaagaggcgt	gggagagaga	agtggccctc	aggccacagt	cagtgggtgg	1020
aggggcaagg	gagtcagcac	ccctgaaagg	gaaggccctg	gggaaggagg	agatagctct	1080
gggaggagga	gggttctgtg	tccaccgtga	gcctcccggg	gcccattggc	cctgtcacag	1140
ggcagctcag	tcccagaggag	cctccctcct	ccagcggctc	cacaatggga	atgcctctcc	1200
tccgaggggtg	cccagccctc	cacctgcacc	ggaaccccca	tggcactgtg	gagaccgggg	1260
tgactgcgga	gaccggggag	acgtggggga	caggggagac	aagcagcagg	gcattggcacg	1320
gggtcggggg	cctcaatgga	aacgaggcgc	ccgagggggc	aacttggtga	ctggcacaca	1380
gcgtttcaag	gaggccctgc	aggatccttt	cacctgtgct	cttgccaatg	tgccctggcca	1440
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<210> 4192

<211> 376

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(241)

<223> similar to gi848985 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4192

ggcacgagga	ccagctgctg	ccaaacctga	gggctgtggg	gtggaatggg	ctggaaggcc	60
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tccaggccca	catcacgctg	gagacccatg	actatgccga	aaattcaaac	ggagacaagc	240
aaccgttggg	ccacactgca	gtaaccacta	attcctgacc	cactgacctg	aagatcactt	300
aggtcacacc	caccagcctg	aacgcccaga	ggacaccacc	caatgacggg	ccactggata	360
tcgagtggcg	gtgacg					376

<210> 4193

<211> 4670

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(3400)

<223> similar to gi2564322 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4193

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gaaaagtcag	gttggaggga	aacgttttga	atgtaaggac	tgtggagaga	ccttcaataa	180
gagtgccgcc	ttggctgaac	atcggaagat	tcattgctaga	ggttatcttg	tggaatgtaa	240

gaatcaggaa	tgtgaggaag	ccttcatgcc	tagccccacc	tttagtgagc	ttcagaaaat	300
atatggcaaa	gacaaattct	acgagtgcag	ggtgtgcaag	gaaaccttcc	ttcatagtcc	360
tgccttgatt	gagcaccaga	aaatccactt	tggggatgac	aaagataatg	agcgtgaaca	420
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<210> 4194

<211> 600

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(156)

<223> similar to gi3128157 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4194

ggcacgagga	agttcaaatt	ggtccagaaa	cagttatgac	cactctttat	actgccaaaga	60
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cagataatgc	ctttatgtta	cttactcagg	taagtaaagt	tagctaaggt	atgtatcatt	180
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attccaagac	tctggaatgc	tgaagcgggt	agatcacttg	aggtcaggag	ttcaagacca	420
gcctggccag	catgaccccg	tctctactaa	aaatataaaa	attagccggc	tgtggtggcg	480
cgggcttgta	atcccagcta	ctcaagaggc	tgaggcagaa	gaatcgcttg	aattgggggtg	540
gcgggggcaga	caccctggga	gacagagcga	gactccatca	caaaaaaag	catgttagag	600

<210> 4195

<211> 802

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (786)...(317)
 <223> similar to gi289749 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4195
 aatgtgcaac aggcattttt cttgaatgaa tggattcata ataagaacag gacttcacca 60
 gcttccaagg gaccctcccc acctctcgga tatattctga agcctaaatt tcacctgctt 120
 atcttaggat ccttaggccc aggccttctg ccacaccaag ccacaaccga agctcagcag 180
 tactcacagg cctttaatct ataactgcct ggccacacca tcaattcccc aggatggtgg 240
 ggagggatga agatgtatag ccaggtaggc cacaccaact ctgagtccaa gaggggaagga 300
 ctggggtcag gctggggctt gggcagggga ctcccggccc caggcgatga gggagttgct 360
 ggcttgggca agctcggcga tggacacccg gccccgctgt cggatgaagt tggccacggc 420
 ggccagttcc tctgggggta tgtagatgaa cttgccccgg tcgtcaatca cacctgttat 480
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 ctgggaagcc aggtcttcca agagcacaac cttggactgc ttgatgtagt tgatgaactc 600
 tgtcaggaag ctctgggact gttcctcagt catggtctct cctacgcctt cctcctccac 660
 cacaaggcc tccttcagtt tcaggtactc ctcatgctcc cgctgggcct gctcctcgcg 720
 ggccttcctc tcctcctcct ccttctgctc ctctccagg cgaagccgct cctcctcctt 780
 cttccctcgt gccgctcgtg cc 802

<210> 4196
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (21)...(282)
 <223> similar to gi3880871 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4196
 cttgtttttc cctctaccag attatggaga gaattatgga tctaccact ttactgaggc 60
 atgcattcag ggaaatgttt tcagtcgggg gccttttctg gatgtttcgc atcaggataa 120
 tactttgttt aatgggagct tttttctatc ttatatcacc tctagatttt gtacctgaag 180
 ccttggttgg aattctaggc tttctagatg atttctttgt catcttttta ttgcttatct 240
 acatctctat tatgtatcga gaagtgataa cccaaaggct aactagatga aaaagaaaac 300
 aaaactgagt ttactaggat atctgagcta atgtagaaca tcaaacagaa ggacccatgg 360
 cagtataaag caatgaagca atggagtatt atctcacaaa tataaaacca ctataagaca 420
 aacatttgat tatcatttga caaataccta ggtataactg gaattttcat gtttgaagtt 480
 ctaatatata gtttagaatt ataatgatct acagttgtat cttgattcta tgttgtctgg 540
 aaaaaatatg gaattatata aaaagggatg cttttatata tttttctttt cccagaatt 600
 acttagatta attagatgta tagtaaaata ttgttaaagt tcagtttatc catcttatcc 660
 ttctcagcag gtacctatat gataatatat agctgtgaaa ctcatctaaa tatttttgtt 720
 ccaataaaat attatatact aaaaaaaaaa 750

<210> 4197
 <211> 1936
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(433)
 <223> similar to gi2811122 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4197

ggcacgagga	ggcctcgggg	ctgtccgtgt	ggatggggaa	gcagatggag	cccttgcaag	60
cagtgccccc	ggcagccatc	accttgatct	tgtccttgct	cggtgcccgtg	ttcaetgagt	120
gcacaagcaa	cgtggccacc	accaccttgt	tectgcccac	ctttgcctcc	atgtctcgct	180
ccatcggcct	caatccgctg	tacatcatgc	tgccctgtac	cctgagtgcc	tcctttgcct	240
tcatgttgcc	tgtggccacc	cctccaaatg	ccatcggtgt	cacctatggg	cacctcaagg	300
ttgctgacat	ggtgaaaaca	ggagtcataa	tgaacataat	tggagtcttc	tgtgtgtttt	360
tggctgtcaa	cacctgggga	cgggccatat	ttgacttgga	tcatttccct	gactgggcta	420
atgtgacaca	tattgagact	taggaagagc	cacaagacca	cacacacagc	ccttaccctc	480
ctcaggacta	ccgaaccttc	tggcacacct	tgtacagagt	tttggggttc	acaccccaaa	540
atgacccaac	gatgtccaca	caccaccaaa	acccagccaa	tggggcacct	cttcctccaa	600
gcccagatgc	agagatggtc	atgggcagct	ggagggtagg	ctcagaaatg	aagggaaccc	660
ctcagtgggc	tgctggaccc	atctttccca	agccttgcca	ttatctctgt	gagggaggcc	720
aggtagccga	gggatcagga	tgcaggctgc	tgtaccgcgt	ctgcctcaag	catccccac	780
acagggctct	ggttttcaact	cgcttcgtcc	tagatagttt	aaatgggaat	cagatcccct	840
ggttgagagc	taagacaacc	acctaccagt	gcccattgtc	cttcagctc	accttgagca	900
gcctcagatc	atctctgtca	ctctggaagg	gacaccccag	ccagggacgg	aatgcctggt	960
cttgagcaac	ctcccactgc	tggagtgcga	gtgggaatca	gagcctcctg	aagcctctgg	1020
gaactcctcc	tgtggccacc	accaaaggat	gaggaatctg	agttgccaac	ttcaggacga	1080
cac'tggctt	gccaccaca	gtgcaccaca	ggccaacctc	cgcccttcat	cacttggttc	1140
tgttttaact	gactggcccc	ctgtcccacc	tctccagtga	gcctccttca	actccttggt	1200
cccctgttgt	ctgggtcaac	atttgccgag	acgccttggc	tggcaccctc	tggggtcctc	1260
cttttctccc	aggcaggtca	tcttttctgg	gagatgcttc	ccctgccatc	cccaaatagc	1320
taggatcaca	ctccaagtat	gggcagtgat	ggcgctctgg	ggaccacagt	gggctatcta	1380
ggtcctccct	cacctgaggg	ccagagtggc	cacagctgtt	aatttccact	ggctatgcc	1440
cttcagagtc	tttcatgcc	gcgtttgagc	tcctctgggt	aaaatcttcc	ctttgttgac	1500
tggccttcac	agccatggct	ggtgacaaca	gaggatcggt	gagattgagc	agcgcttggt	1560
gatctctcag	caaacaaccc	ctgcccgtgg	gccaatctac	ttgaagttac	tcggacaaaag	1620
accccaaagt	ggggcaacaa	ctccagagag	gctgtgggaa	tcttcagaac	ccccctgtaa	1680
gagacagaca	tgagagacaa	gcattctctt	ttccccgcaa	gtccatttta	tttcttctct	1740
gtgctgctct	ggaagacagg	cagtagcaaa	gagatgagct	cctggatggc	attttccagg	1800
gcaggagaaa	gtatgagagc	ctcaggaaac	cccataagg	accgagtatg	tgtctgggtc	1860
cttgggtggg	acgattcctg	accacactgt	ccagctcttg	ctctcattaa	atgctctgtc	1920
tcccgcggaa	agctcc					1936

<210> 4198
 <211> 1588
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(1498)
 <223> similar to gi4191596 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4198

ggcacgagtc	agaattaaaa	gaagaaataa	aagcattaga	agatgccaga	ataaaccttt	60
tgaaagagac	agagcaactt	gaaattaaag	aagtccacat	agagaagaat	gatgctgaaa	120
cattgcagaa	atgtcttatt	ttatgctatg	aactgttgaa	gcagatgtcc	atttcaacag	180
gcttaagtgc	aacctatgaat	ggaatcatcg	aatctttgat	tcttcctgga	ataataagta	240
ttcatcctgt	tgtaagaaac	ctggctgttt	tatgcttggg	atgctgtgga	ctacagaatc	300
aggattttgc	aaggaaacac	ttcgtattac	tattgcagg	tttgcaaatt	gatgatgtca	360
caataaaaaat	aagtgcctta	aaggcaatct	ttgaccaact	gatgacgttc	gggattgaac	420
catttaaaac	taaaaaaatc	aaaacacttc	attgtgaagg	tacagaaata	aacagtgatg	480
atgagcaaga	atcaaaagaa	gttgaagaga	ctgctacagc	taagaatgtt	ctgaaactcc	540
tttctgattt	cttagatagt	gaggtatctg	aacttaggac	tggagctgca	gaaggactag	600
ccaagctgat	gttctctggg	cttttggtca	gcagcaggat	tctttctcgt	cttattttgt	660
tatggtacaa	tcctgtgact	gaagaggatg	ttcaacttcg	acattgccta	ggcgtgttct	720
tccccgtgtt	tgcttatgca	agcaggacta	atcaggaatg	ctttgaagaa	gcttttcttc	780
caaccctgca	aacactggcc	aatgccctcg	catcttctcc	tttagctgaa	attgatatca	840
caaatgttgc	tgagttactt	gtagatttga	caagaccaag	tggattaaat	cctcaggcca	900
agacttccca	agattatcag	gccttaacag	tacatgacaa	tttggctatg	aaaatttgca	960
atgagatctt	aacaagtccg	tgctcgccag	aaattcgagt	ctatacaaaa	gccttgagtt	1020
ctttagaact	cagtagccat	cttgcaaaaag	atcttctggt	tctattgaat	gagattctgg	1080
agcaagtaaa	agataggaca	tgtctgagag	ctttggagaa	aatcaagatt	cagttagaaa	1140
aaggaaataa	agaatttggt	gaccaagctg	aagcagcaca	ggatgccacc	ttgactacaa	1200
ctactttcca	aaatgaagat	gaaaagaata	aagaagtata	tatgactcca	ctcaggggtg	1260
taaaagcaac	ccaagcatca	aagtctactc	agctaaagac	taacagagga	cagagaaaag	1320
tgacagtttc	agctaggacg	aacaggaggt	gtcagactgc	tgaagccgac	tctgaaagtg	1380
atcatgaagt	tccagaacca	gaatcagaaa	tgaagatgag	actaccaaga	cgagccaaaa	1440
ccgcagcact	agaaaaaagt	aaacttaacc	ttgcccaatt	tctcaatgaa	gatctaagtt	1500
aggaaagacg	atggagggtgg	aatcctttta	gattatgtcc	agttatttgc	tttaataaag	1560
aagaagttac	ccttgtcaaa	atcagaac				1588

<210> 4199
 <211> 2243
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(1406)
 <223> similar to gi452404 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 4199
ggcagagac tagaggaaac tccaaatacc actactatgg gattcgtgtc aagccagatt      60
ccccctcttaa tcgtctgcaa gaagacatgc agtatatggc tatgagacaa caacccatgc     120
aacagaaaca aaggtacaag cctatgcaga aagtggatgg gggtgcagat ggtttcacag     180
gaagtgggtca acagacaggc acatctgttg agcaaactgt aattgcccaa agccaacatc     240
atcaacagtt tttagatgca tctcgagcac ttccagagtt tggagaagtt gaaatctctt     300
ctctgccaga tgggtactacc tttgaggata tcaagtcact gcagagtctt tatagagagc     360
actgtgagge aatattggac gttgttgtga atcttcaatt tagcctgata gaaaaattgt     420
ggcaaacatt ctggcgctat tctccctcta ctccaactga tggcactacc attaccgaat     480
cgagcaatct gagtgaaata gaaagtcgac ttccgaaagc aaagctgata actctgtgca     540
aacatgagtc tatcctgaaa tggatgtgta actgtgacca tgggatgtac caggctttgg     600
tggagattct catccccgac gtccttagac ctattcctag tgccttgacc caagccattc     660
gaaattttgc aaaaagcctt gaaggttggc tttccaatgc catgaacaat attccacaga     720
gaatgataca aaccaaggtt gccgctgtaa gtgcctttgc ccagactctg cgaagataca     780
cgtcgcttaa tcacctggcc caggcagctc gtgcagtgtc tcataacact tcccaaataca     840
accagatgct tagtgacctc aaccgtgtcg actttgccaa tgtccaggag caggcttctt     900
gggtgtgcca gtgtgatgac aacatggttc agagactaga aacagacttc aagatgactc     960
ttcagcagca gaggaccctg gaggcagttt ttcctaagc cgccaggcag tttctgctaa    1020
cactgaaacc ctatgaagga agaccagttt ttcctaagc cgccaggcag tttctgctaa    1080
aatggtcttt ctacagctca atggttattc gggacttaac cttacgcagt gctgtagct    1140
ttggctcctt ccacctgac cgtctactct acgacgaata tatgttttac ttagtagaac    1200
atcgtgttgc tcaggcaaca ggagagactc ctatagcagt catgggagag gtaagagagg    1260
ctgaaagagc tgtgaccac tgggttatta aaaataagcc agaattacac ttcagtctaa    1320
atacattatt gattaaaacc atggttccta accaagtcag cctcagagcc aggagggact    1380
gtggagttat tgcaagagtt ccttaaattc ctctgttctt atgtgcttaa tcaaaagatt    1440
ctaaaattgt ggattatata atgtgaaagt tcatggaatg tgtctctata ttatacaggt    1500
acctatgtaa aagaaaaact tgagaaccac tggaaataga aaaatatatt aagtgggaaa    1560
aagattgggtg ctcttgataa agcaaagggc taggaataga atggaaagga ttaaatatgt    1620
atthttgtaga ctctttcccg gtctccaaga acaaagtaaa tgattctatt ttagaaggat    1680
aaaaatggta atgatgataa ctaacatttt ttggacactt actatgtgag aggcacagtt    1740
ctatgttttt tacatgtaat aaagcactta atgcaagtct ttgagatacg ttctacttta    1800
ttctgtttta caataagcat ccgaggttta tgcagaaagc taaggcacag aaaggttaaa    1860
tgattactca gctaaaaaat ggtagagatt tttttttcaa acacagtctg attttcaaac    1920
ccatagtctt ctaaccacta atgatgtaag ggggaaaatt ctcttcttca gaatttctga    1980
atagtcatca aaatggctta tcaaaaagct taaactctga atataaacia gggctgggta    2040
atataatgag gaatagatgc aaatgctcag atggttcagc actggcttat tttgttatat    2100
tgaatgcagg aggcgggggt agtttatacc ttgtcgaatc ataccagatt attaaatgtg    2160
acaaattacc caaggcggta aaaaagacat gttcactttt aagctatgtg tatgtgctta    2220
tataaataaa aaagagtga aac                                     2243

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<210> 4200

<211> 1883

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (858)...(415)

<223> similar to gi458692 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4200
tttttttttt ttcttaaaac aaccagtttc tttaattaga aagcaacaaa catgcaaattg    60
gcaagtgtag aaattttattt gaaccaacat ttctactatg atgaaaatta ttcttcaaca    120
ttgatccaag ctcccacatt tgaaggtttag ggaaaatatt gcactttgca ttttctagca    180
ctcctcatal acggcaaaaa gttttaaaaa cattctgcta gttttgtttt atacaatctc    240
ccaaattcat gcacacaatc attccaaacc aatgttaggt tatcccaaaa aaagggaaaa    300
actccaaaaa ccataacctt aaaattgcac taaagctctg taaagaaaaa aatataataa    360
atgtcttata caaatttcag aacatttaag tgcttgccaa aaagagttaa ttattcctca    420
tcctcatttt cattctcttg accagagcct tctgatctgt caccctccaa ccggtcagct    480
cggatatgat taagtgaagc caacatcctc aacatgaaag aggctggaac tgtaatggtg    540
tttctagttt cttccagcat gaggctcgtt cgagttataa cttcatcagc aagttttcgg    600
ttaaaaatcc ttgactcttc taatggtgac cagatcttta tgtcataatc tatgccagat    660
gaggctaaaa ttgggtcaaa cggatgtggc tgcaggcagt ttaccacatg attatcagct    720
tccagaagca tcaaagtctc agcagtggtc cgatcccaga tgaaaatgtg gccacagtca    780
gaaccactca ttacaaagtt agcaccacag aaattggctt cttttatcat tgtcctggag    840
ttgcatggc ctttataaac catttttact agcggccttc taatgttcaa agtatccaat    900
tcttccattt ctttcccttc ttttctccgt ctgaagaact cctgaatacg ggcaacagca    960
gagcgtctat caccaggtcc tgctcgatac cttgcacctg ggatcaggac tgggtcatca   1020
tactgtcat ctgtgtcctg aagagcagag tccctgggtg atgtttcttc atgagctgaa   1080
ggcccagtg cttctgtttg gaactgaggc tcaggattgg tgttattttc attggtagca   1140
ctctcagtc tagtctgata tgaagtctt gggtccttgg ctttttcaga tgaagcagat   1200
tcttctggaa cccacaaga gcgatcaaga ttgaggtcat ttctttctcc tgagttggaa   1260
tccaatggct tggctgtgaa cttatctgat tgtgttatat tgatatggtt ctcaactggg   1320
ttttctgcag atactccttc ctgatatttt gtcacatcct ctgatgattc ttcaggagct   1380
ttgtttcac tgtctccttc tgggtggttc actgagctct gtgggacgaa agattcctcc   1440
tgacctcag atttgcaatg gctcccaatt cctctagaac ttgatgctat actgctccat   1500
tcatctgtaa agttcagttt tattgtgctt gtagttgttc cttctgtgct gtagtgaaa   1560
cttaaaactg gtacacctgt ccctgggttg gggctcagct tttcattatt gttatcctgt   1620
tgctcgtcaa gtgacatgga tccgagctgt ttgttaacca cagaagaagg agaatcagac   1680
tgatgatgtg tgtggtgtcc agatgcctca acagactgcc tttgttcaact gtctggagaa   1740
gatagcaaag gtagtagaat agggctttct gtgggagatg atgtcgaatg agcctgacct   1800
gacattgtag aggatgtaca aggctgaaga aattgttcag ctggagtatc tacttccatt   1860
gcagtttcac cctgtgccga aat                                     1883

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<210> 4201

<211> 1308

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(610)

<223> similar to gi5262557 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4201

ggcacgagaa	agtcttttga	atgcaaagaa	tgtggaaaat	acttcagata	taactcatta	60
cttattcggc	atcagataat	tcacactgga	aagaaacccat	ttaaatgtaa	agaatgtgga	120
aaagggttaa	gttcagacac	agccttgatt	cagcatcaga	gaatccacac	tggagaaaag	180
ccctatgaat	gtaaggagtg	cggcaaggcc	ttcagtagca	gctctgtctt	cctccagcac	240
cagaggttcc	acactgggga	gaagctctat	gaatgtaacg	aatggttgga	aactttcagt	300
tgcagctcaa	gtttcactgt	ccatcagcga	atgcacactg	gggagaaaacc	ttatgaatgt	360
aaagagtgtg	gaaaacgatt	aagctccaac	acagccttga	ctcagcatca	gcgaattcac	420
actggggaga	agccctttga	atgtaaggag	tgtgggaagg	cattcaatca	gaaaataacc	480
ctgattcagc	accagcgagt	tcacactggc	gagaaacctt	atgagtgtaa	agtgtgtggt	540
aaaaccttca	gctggtgtgg	aagattcatt	ctgcatcaga	aactacacac	tcagaagaca	600
cctgtccaag	catagggcta	tccatagtta	ggcccaactgt	gcctctcctt	ttttctcttt	660
attttcatgc	tttttatcag	tgtcctcgct	gtccttctctg	gttagacact	tggctttcat	720
catgaactct	tctttaagtt	ttttgaacct	gtttccccaa	catgaagtct	ctttatgggt	780
agagaagacc	aaaaaacaaa	caaacaaact	tagaaacata	aaaggaaatg	taagtttcca	840
gatttaaagg	acatgctggg	tgcccagcag	gatggattca	agggaaacct	acattaagga	900
aaattgctgt	gaattatgaa	aacaccaagt	ttgaataaga	ggatcatgga	gaaaaaatga	960
gaccctaaaa	agtttctaga	gagagaaaaac	aaaagatcag	aaatgaaagc	ggggccaggc	1020
gcggtggctc	gtgcctgtaa	tcacagcact	ttgggagggt	gaggcgggtg	gatcatgagg	1080
tcaggagttc	gagaccagcc	cgcccaatat	ggtgaaaccc	cgtctctcct	gaaaaaaaaa	1140
aacacaaaaa	ttaccaggc	atgggggcgc	atgcctgtaa	tcacagctac	taaaaaggct	1200
gaggcaggaa	aatcacttga	atccctgagg	caaaggttgc	agtgaagtga	aatcgcacca	1260
ctgcactcca	gcctgggcga	cagagtgaga	ctttgtctca	aaaacagt		1308

<210> 4202

<211> 2232

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1956)...(1365)

<223> similar to gi3643608 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4202

ggagtaagta	agtttttagtg	cagtgtgaaga	actataggaa	caaaccagac	cagtgaagtc	60
acacaaaaccc	aaaattatta	aagtagtaaa	agtagacctt	agaaaaaata	aggcaggggc	120
atatcctgaa	tggaagtatt	cttgaatttt	catttactct	atttacataa	atatgcagtg	180
tgacactcaa	ctgattttcac	tccaccttca	aggcatgtat	tttggcctca	tactattact	240
acatttgagt	aaacatttaa	cctgattagt	tttaaagtag	caaaggacta	ccaataaaac	300
gaaagttatc	atacaaatgt	ggaaggaagg	accactaaa	cccttgaata	taagcaaaga	360
ggtaggtggc	aaagcagcct	ttttagaact	ttaaaattat	gagtagatat	tttacattat	420
ttgaacaaag	aacatgttta	gtttcacact	taaggtttac	ttacttacag	attttcttca	480
atttacattg	aacaaaaata	tacagtatca	agtttagcct	gggtgagggg	acatgttttg	540
gcactctttc	cctatagtag	tagttttggt	tcaaattaat	ttttgaaaaa	tagcttttgt	600
atggaacagt	ataaatgggc	ttatagttca	gatactgagc	aaatacacia	tactactttt	660
tactaacagg	cacataaagg	aaatgacaac	tattcgtggg	ctcaaaaaac	tgcatatttt	720
aactaatatt	caaaatttac	aaatcagtat	ctcagagaag	ttaaagaaaa	tggaaaggaa	780

caaagccctt	ttagaataat	taatatacat	tgccttgctt	ctttccaaaa	ggaacatgta	840
cttgtcacc	tagcttttgt	tatttagagc	actggtacag	atacgctgtc	ccatacatca	900
ggatcaaatt	attagtttca	gtttcacatt	gtaggaattt	aagatttttt	ttttttttaa	960
cacaggaaat	aatctcatca	tttccaaaga	tgtcttcatg	tcccatcaat	gacatgctac	1020
cagacatata	agattccaca	ggataatggc	accaagctac	ccaagtagat	gtttctggta	1080
ttctagactg	ccgttcatgc	ttgtttccta	aagtatactt	aaaagtttca	aatacagttt	1140
cacttagaaa	ctgcaaccct	ccaagtaatg	ttatgtttac	ttaggtatta	atgttatgtt	1200
tacttaggta	tgtatcagag	gcaataattt	ccaaagcaga	tcttagaata	taaccaattt	1260
gttagataac	taactttatc	tctatcacat	ctgtttacaa	gcaaagtatt	actttgtctg	1320
gacttatttc	atcttcagtg	tctgggatcg	tgggcaacag	agcagatcgc	gttaagcccc	1380
aaaatttttg	aggtgacatg	tcttttttgg	tggccgtaaa	cttccatcca	atatggcttg	1440
cacagatctt	acactgggca	acagtccagg	catacccagg	aaaccagctg	tgttctgtag	1500
aaggccggcc	tatcagattc	aagttgcaag	ccttatacac	agtaagtgtc	tcatgcacat	1560
atccatgagg	attcacataa	gctgccatcg	gcccacataa	ggataaactg	aatatttcat	1620
ttttggttgt	tatttctgtt	tcttgacatt	gtttacagca	aagggaagta	catttattca	1680
taatgtctaa	ttcacagcga	agtcgctgga	tagcactgcc	aattttaagg	agctgaattc	1740
tcaatacatc	atcaatagga	agacaagcag	ctactctgta	agaaaaatct	attggatttg	1800
aaggaagaga	atcatctttt	agattttcat	cccatcaccg	tagctgtttc	ttgattctgt	1860
ccattaagg	ctcagcatca	tataaggaat	acagccagcg	aggccatgaa	gttagatttg	1920
cacaatgaaa	ctttctcttc	tggatattct	gccaccattt	atatgaacat	tggctctctc	1980
ttgagacagg	ttttgaagga	aatatctggc	acttattgag	ggattctaat	tgaactgcag	2040
acatggttga	aggcaacaca	cattcgggaa	gaatttgcac	tttagcttgc	tggattccat	2100
ctgactgtgt	tcttagctca	aggactttga	acctttgtct	tccaattgct	ttcactttca	2160
ctatctcaat	tccaaaatcc	tgttcttctc	gataggcata	tatctctgct	gttgttccaa	2220
actgtgcttc	cc					2232

<210> 4203

<211> 354

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(126)

<223> similar to gil089850 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4203

ggcagcagct	ggaaaacaat	tggcttcaac	atgagaaagc	tcctacagaa	gaagggaaaa	60
aagagctgct	ggccctaagt	aacgcgaacc	cctcgctgct	ggagcggcac	tgtgcctacc	120
tctaagccaa	gatcactgaa	tgagcggacg	actgaggaca	tatgctttaa	gctcgaccca	180
ttcccatagc	gacgctcatc	actctgcttg	catgctcttc	aaccctcagc	tgtcggctct	240
cgagctaccc	cctcaatgtc	atgcggcctc	cttcccatcc	gcccttcttc	gccgctgctc	300
agtactccgc	gttaggagac	cttcgtactt	agcggcccgc	tccagagtac	cgcc	354

<210> 4204

<211> 1834
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1835)...(115)
 <223> similar to gi5081374 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4204

tttttttttt	ttaaaaaagg	gtcctatgtg	gaaatgagtg	ggacaatgat	aaaaataaac	60
aaataattaa	aattccaaat	caaaacataa	ctcctggccc	tgagatcccc	agttaatcct	120
ctaagaccac	aatctccaca	ttgtgaactt	gatgctgggtg	ttcttccatc	tcagccacaa	180
ctttctcttc	agtccctcagc	tctgtctcca	agatgactgc	tttgccctca	gtatcttcag	240
cttctgggtc	cggggctgga	tcaatctcaa	tgatggtctg	cccatcctct	gaggtgcttt	300
caacagcctg	aattgccgag	gttaggccgg	actccatggc	caccaattcc	acagggctaa	360
ccatgggtgg	catgttgccc	agtgtactcc	catcctgcat	ggcagtagag	ctcagcagcg	420
ccaagctaga	tgaaggggtg	atggtcactg	tgtctgggtga	gctgctcttg	gcagaggaga	480
ccactgtggc	atagcggaag	agctgagggc	cagaaggcag	tgtgtggaca	gtcacaggac	540
tggagccctg	gctgaggggtg	gccactggaa	tattgcccct	ggaaaatgac	tgacccactg	600
gggtgatggg	gatgggtgag	atgactgtga	actcaggctg	ctggacagga	ggagaagggc	660
tcaagacagt	ggtgagggtc	ggccgctgga	gccggggcct	ttttggaggc	ttaggagtgc	720
tcacaggcat	cagtaccaca	ttttgaactg	tctgagattt	cagcctgtga	tcctggcctt	780
gcttcttctg	ctcctccaac	tggcgttcca	agtctgtcag	agtatagaga	aactggtctt	840
ctccctgtct	tacttggttc	cttctgttgt	ctaaaacctt	cttgactgtg	tccattaggc	900
caaagtgtgt	tgctacattg	ttgagaacag	cagcatctgt	gacttggaag	ggagcctgga	960
tgagccgctg	ctgaactccc	ctgagtagct	cctctatttc	cttctgtata	ttgcagacaa	1020
cctcttccat	cagccctaca	tcagctattc	ctttccagaa	catcaaagtg	tcctctgaaa	1080
tttctctctg	gtcttttctt	acaccctcct	ccgtggccat	ggtgacagca	gcggtgagag	1140
ctgagttcca	ttccagccct	gcctcttcca	tgctctcttc	tgagatggca	atctgcgtga	1200
tgctaccatc	agccgaagtg	ggtgtctgca	ccacacttgt	ctgctgtcct	ggcactggag	1260
ctcttgcact	gctgatcaga	agatcaaatt	tggtgcttct	gcaggtattg	gagcaaactt	1320
tgtcatgttg	gtaaaaaatca	atctgtccgg	agtccatcat	tttcctgagc	atgatcccac	1380
ccagacgaat	agctctcttc	cagtccttca	gagtggaact	gccagccaga	tgaacaaagt	1440
gcttggggct	gatcaactga	tcattgaact	tgacacactt	cacgtttatt	cctggacata	1500
caaacttctt	ccagaggagg	atggctttgc	tctccccaca	agttatgggg	taagcaattt	1560
ccatatactc	atttgcttct	atagtgcctg	tatcaatccc	ttcttcaatt	ttgtgtatcg	1620
tgtgagtttc	tactgctaca	actgccgtgt	tgttctccga	cccagcttca	taaatcctgt	1680
tgtaaaagtg	tccatcgata	aacaaacctt	gttgcacagg	ctgtaactgc	aaaatcactt	1740
gggttttagt	gtcttcagga	ttctccccct	catttcttcc	agtaggtacc	acaaccacat	1800
ccccactgg	gacactcact	tctgcattag	ccat			1834

<210> 4205
 <211> 2294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (2)...(1576)

<223> similar to gi3253159 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4205

acacacctac	cttccccctgg	aggtctgtaa	catttgtggca	ggacaaagat	gtattaaaaaa	60
attaacggac	aatcagacct	caaccatgat	cagagcgact	gctaggtcgg	cgccccgatcg	120
gcaagaagag	attagcaaatt	tgatgcgaag	tgcaagtttc	aacacagatc	catacgctccg	180
tgaatttgga	atcatgggtca	aagacgagat	gacagacgtg	actgggcggg	tgctgcagcc	240
gccctccatc	ctctacgggg	gcaggaataa	agctattgcg	acccctgtcc	agggcgctctg	300
ggacatgcgg	aacaagcagt	tccacacggg	catcgagatc	aaggtgtggg	ccattgcgtg	360
cttcgcccc	cagcgccagt	gcacggaagt	ccatctgaag	tccttcacag	agcagctcag	420
aaagatctcg	agagacgccg	gcatgcccatt	ccagggccag	ccgtgcttct	gcaaatacgc	480
gcagggggcg	gacagcgtgg	agcccatggt	ccggcacctg	aagaacacgt	atgcgggcct	540
gcagctgggtg	gtgggtcatcc	tgcccggcaa	gacgcccgtg	tacgccgagg	tcaagcgcg	600
gggagacacg	gtgctgggga	tgcccacgca	gtgctgag	atgaagaacg	tgagaggac	660
cacgccacag	accctgtcca	acctctgcct	gaagatcaac	gtcaagctgg	gaggcgtaga	720
caacatcctg	ctgccccagg	gcaggccgcc	ggtgttccag	cagcccgta	tctttctggg	780
agcagacgtc	actcaccccc	ccgcggggga	tggaagaag	ccctccattg	ccgccgtggt	840
gggcagcatg	gacgcccacc	ccaatcgcta	ctgcgccacc	gtgcgtgtgc	agcagcaccg	900
gcaggagatc	atacaagacc	tggcgcgcct	ggtccgcgag	ctcctcatcc	agttctacaa	960
gtccacgcgc	ttcaagccca	ccgcacatcat	cttctaccgc	gacggtgtct	ctgaaggcca	1020
gttccagcag	gttctccacc	acgagttgct	ggccatccgt	gaggcctgta	tcaagctaga	1080
aaaagactac	cagcccggga	tcaccttcat	cgtggtgcag	aagaggcacc	acacccggct	1140
cttctgcact	gacaagaacg	agcgggttgg	gaaaagtggg	aacattccag	caggcacgac	1200
tgtggacacg	aaaatcacc	accccaccga	gttcgacttc	tacctgtgta	gtcacgctgg	1260
catccagggg	acaagcaggc	cttcgcacta	tcacgtcttc	tggaagcaca	atcgtttctc	1320
ctctgatgag	ctgcagatcc	taacctacca	gctgtgtcac	acctacgtgc	gctgcacacg	1380
ctccgtgtcc	atcccagcgc	cagcatacta	cgtcacctg	gtggccttcc	gggccaggta	1440
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cgggcgagac	caccaagcac	tgcccaaggc	ggtccagggt	caccaagaca	ctctgcgcac	1560
catgtacttt	gcttgacatg	ttttagtgtt	tagcgattgt	gtaccgagtg	ggattcacga	1620
gaccagctac	actcagacca	acagatggcc	agcccttccg	tgacagccag	catcgaacat	1680
gagacgtcat	tgattttatt	agattctccg	ttttccagaa	tgccctccgt	cccagatttc	1740
aaacttggtat	tttgaactgc	agacctgtat	gagaacccaa	tgatcatagga	aatatgggtt	1800
gtaaaaatct	ataagctgct	tattaaaaca	gagtcctcgt	tgctcctaaa	atctcctaaa	1860
accagtctat	gaactcaggg	ctttaaaaca	tttttaattt	atttggtcat	tcaatttact	1920
tgttttta	acatgattct	ctatgaaatt	gatgggtc	aactagctgt	gaatcttctg	1980
agagtgaag	caacacaaaa	cacaagtgtg	gttttaaaagc	cttgaacatt	ctgatgttgt	2040
cactaaagt	gatttccagg	cgatgctcgt	gtgcccctgg	cgtggctcac	ccaagttcct	2100
cgactgaggg	ccggtggcca	tgacagggcg	tccgcaggtg	ccgtgttctg	ccagcacgcg	2160
ccttcacccg	gcctgaacta	aggagcagtg	gcagaagggtg	ggccccgtgt	gtttacagca	2220
tttccaggtc	cagagaggtt	ggcagacaag	tgccatttta	ataaaaaatg	tatttaaaaa	2280
aaaaaaaaag	gggg					2294

<210> 4206

<211> 950

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (947)...(898)
 <223> similar to gi3157938 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4206

gatcacagcc	cctacccacg	tgcctctcca	gtacatcggc	cccaaccagc	cccggaagcc	60
tgggctgcct	ggccagcctg	ctgtaagcta	agaaccacc	cacagcagcc	ctcgggggtg	120
tcactgcttc	ctggagggtc	aggagacccc	ggacacctgg	gacctgtgtt	cctgagcccc	180
tcctgacatc	tgtgttcttc	ctgtcagctc	cacgcccggg	cccctggacc	acgggggtcca	240
cctctcctct	gtcctgacca	tttattgggg	actttttgct	cagcactgta	ggaggaaaga	300
aggaaggagg	gatggaagcc	tcttcctctg	cttctcctgt	ccctagaacc	gtaaagccca	360
gacgtcctgc	ttcccactgg	gaccctcaat	gataacacgg	gtcagtgact	gactctgagg	420
cagcaaggac	agaggagagg	tggaccccgt	ggtccagggg	cccgggcggtg	gagctgacag	480
gaagaacaca	gatgtcagga	cgggctcagg	aacacaggtc	ccaggtgtcc	gggggtctcct	540
gaactccagg	aagcagtgc	acccccgagg	gctgctgtgg	gtgggttctt	agcttacagc	600
aggctggcca	ggcagcccag	gcttcggggg	ctgggtgggg	ccgatgtact	ggagaggcac	660
gtgggtaggg	gctgtgatcc	gatcagtgcc	gaggtaggac	tggagggcag	ggggcacgag	720
cactgagccg	tccttctgct	ggttactctc	caggagcgcg	atgagaaggc	gggggacagc	780
acaggcgggtg	gcgttcaccg	tgtgggcaaa	ctgcagctcc	ccagcctcgg	tctggaacat	840
gatgtggagg	cggcggctct	ggaagtctgt	gcagttggaa	gcactggtga	cctctccaaa	900
gcggcctcgg	cctggcatcc	aggcctcaat	gtcaaacttg	cgctcgtgcc		950

<210> 4207
 <211> 1165
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1162)...(516)
 <223> similar to gi5262505 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4207

tttttttttt	ttcacgtttg	acattttattg	tttattccca	cacccatccc	atgaaacaag	60
caggactttc	catttttacag	atgtgaaaac	caagattcaa	agagactcaa	taacctgtct	120
caggacaaat	gacagaactg	agacttctga	ctccaaatct	tacgtcctcc	cgccaacact	180
ctttgccttt	ctctttcaca	ccaatggact	ctatgggtga	ccttggcaca	ggttcttcta	240
agaactggct	cttaacaaaa	acttctggcc	attatctgac	tgaatgtcac	aaacaagtgc	300
tgtagaagact	tgcttagagc	ctttttccct	aaacctgtac	accagctctt	gccttgtgaa	360
tttattccacc	acaaaacaca	tgttcccagg	gggcccaggc	aaaagtctcc	aagtacccca	420
gtcccccttt	ccttcagcct	tgccacaccc	cctcagcctt	cctgggtaat	ccaggcgacc	480
cagggttacc	cagagggtcca	ggtcccagtt	gttcacttga	gcatctgatg	taccccaaac	540
acctgtgtga	aacgtctctc	gtccaggatg	cgtccatagc	gcaggggtgac	gtagaaggtc	600
tgtttcccac	tgtaccgctg	gatacgcaca	aacatctcct	gaggccgggtc	cttggtttct	660

gtcaggggaa	tcacatctgc	catgggacag	tatgtgtcct	gccgccagcc	ccagaagttc	720
agatgggcca	cccgcagcat	ggtgccagac	tcattcagat	acaggatacc	aaccagtctc	780
cgtaagaaat	agctcatcca	gcacagcatg	gtcagggcaa	agcccgatat	cccactcatg	840
aggcacacgg	tgttgagagt	gaggaggccc	tgggagtaca	agtaatagcc	tgggtggcaaa	900
gctaccactg	tcagggcagt	ctgtgccaac	ttcagtcgtg	acaggaaccc	gaaggttctg	960
atggcatcaa	aacggtaaaa	catccagaat	ttctcagtct	ctgcgttttg	tagtttctcc	1020
ttcgagatgg	gtgaactgct	gccccaccac	ctcttaggat	cctcctgccc	actgcagcac	1080
cacagcccat	ggagaggcct	ttcccacaca	gcttttcccc	gaaacctacg	cacagctcgg	1140
agaagggcag	ccatggcctc	gtgcc				1165

<210> 4208

<211> 428

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(79)

<223> similar to gi5441325 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4208

ggaattcgag	cgtgtgactg	cggaagctgt	gaagccacgg	gagacctcgg	agcctagagc	60
agcagctcag	cgcttctgtg	agaaattccc	tttcctttga	agttttttgc	cctttatttg	120
catccttaaa	gcagttcgct	tgttttccct	ccttggaaaa	attaattatg	atagtattgg	180
cttatttatg	atcaccaaga	cttgatttcc	cttagcatag	cttacagtat	aagttcacac	240
ttagctttga	gcaccagcac	caggaagaca	gctttttaaa	attacttact	tacgtaccat	300
cttgttccaa	aaaagatttg	tgggtgtaca	aaagctatat	agaatacaga	agatgaaaaa	360
ggaattgagt	gtagccagag	ggtggaagca	gccaggtgt	cccatcaaca	gataaatgga	420
taaacaaa						428

<210> 4209

<211> 557

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(82)

<223> similar to gi205610 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4209

ggcacgagct	ggagaatctg	gtaaaagcac	cattgtgaag	cagatgagga	tcctgcatgt	60
taatgggttt	aatggagagt	aagtgtcaaa	tctgtgcagg	ggggcaccaa	gtaagaggaa	120
cagactttat	actaaccttt	aggaagtata	ggtgggcttt	gggggctggg	cagccagttt	180
tcacttaatt	tttcctgatt	tacatattag	aaaatcctgg	gaagggtctt	ttagggctcc	240
tcacccccca	cccccttgga	tctttggtgc	aaacaatact	actgatgaaa	gcaccagtgt	300
ttgtgacaaa	catctcccta	toccaaagaaa	atcgtgcctg	gttgacaggg	acgcttgaca	360
gcacttggcc	ccgtgacagc	ccctctccgg	gccagggtccc	tgccacagtc	ttcggacatc	420
actgcagtgt	cttcaacgtg	gctttggccg	ccccctcgtc	cggcccacgc	tgatcactgc	480
aaattcacc	cacccacact	cacgcagatt	tcaatgtaat	gaaccaacac	aggatgtttt	540
aaactattag	ggaactg					557

<210> 4210

<211> 2572

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2573)...(247)

<223> similar to gi5689373 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4210

ggcacgagtc	tttttttctc	ttatttgtgt	ctcatttcag	atgactgttt	aggttgaaac	60
ataaaattag	acatcgggtca	tcgcaaatgt	acctgatgtt	taacatcatg	caccgtcagg	120
acactcatta	gtgatacctg	aactgatcac	gtttcatgaa	atccaaacct	ttcacactgt	180
ctttcaaaac	ggtcatctcc	caatcctaag	gccagggccc	tgaggcaccc	ccgccccggc	240
tggggacact	ccgtacctgg	actctctctg	ttgctgttgg	ccacagctgc	cggcacagga	300
ctttctttag	gacgtcggga	aggaggtcga	tggtcaccag	cagcacgatg	gccagccagg	360
cgggcccgtc	ggacagcatc	tggatgaaca	cgtagtacat	cctctggtag	ttgaggaacg	420
gccagatcac	tcctccccag	agaagtgaag	agacaacgta	gaacagcagc	gacccccaga	480
tgacaaaatg	gttgatccaa	gtccagtagt	gtgtgtccaa	tgcaagcttt	agtgtaaactg	540
tgaacaccat	cacggtgaat	accagcgttc	caaacgtcca	gtttccaaat	atctgcccgt	600
tgcttgtcac	agttgtattt	tcaaacacga	aataagcacc	aaagaagaac	accagtgcgt	660
caaacagtc	caggagcgtc	cagtagatga	acacgcgcca	gcgcagcagg	gcattcttgg	720
cgacgtccct	gtacagggtc	gggtctctct	tgagcacgtc	aatgccaaaca	tgctgctcca	780
tgaggctgta	caggaggatg	gggagggagg	tgaagctgat	gttgtagagg	gtcagatacg	840
cgggtgtcgta	caaagtctgt	tgtgaaaacc	cacagaagaa	ctgggtataaa	aactgaggga	900
agatgaagca	gacgttctta	tagaagaagt	actgcacgag	ctcagagatc	ctaagttaat	960
aaaaatgccc	gtgaacaagc	agcatcttct	tcaaagtctt	aaactttggg	attgcatagt	1020
cgctgttctc	ggcagcctgg	cggccttctc	tgccgatgac	acctatgccc	acgtgcgctt	1080
ccagaatcat	gctgacatca	tttgacccat	cgccaattgc	taacgtgatt	gggtgctctt	1140
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gcaccgcgct	gcagctccgg	cagatttcca	ggaagagctc	cctgtagttg	ccggaactcc	1260
cgtcttctcg	aggcttcatt	atcagagaca	gtgcagctcc	gtcgataatt	aaaccgtagt	1320
cctgcatatc	tgctgaaagt	ccggagaggt	tgtctctggg	caggctccc	ctgtggcgca	1380
ggaccgtctt	gctcagctcg	aacaggacgt	cgtgcaggct	ctgctcctcg	atcctcttgg	1440
tggtcagctc	cagcagctgc	gtgttcctgc	ggaagagctt	gcaggcgtag	cacgtggccg	1500
cggccgtctc	catcttgtct	cccgtgagaa	cccagacttt	gatcccggcc	ttctgcaggg	1560
cctcgatggt	gtctgcagct	ttctctgca	gccggtcctc	aacagctgta	gcaccaagca	1620

gagtaagatc	tttctctatt	tgctcatagg	cttctgctaa	ctttttctct	cgatcttgaa	1680
gggccacttt	ggcagcctgc	agcagcttac	aaatgccttc	atattcttct	tggatcagcc	1740
ttttataagc	aacacacaaa	gttcggagcc	cctccactgc	gttacgctcc	actctggctc	1800
ggatctgggc	aactttgcct	tctatcactc	gggggaatat	cgaagaatct	gtccttttgc	1860
aaaacagata	aatttctcct	gtagcagatt	ttacaattac	actcattctc	cttctgactg	1920
agtcaaaact	caaaatttcc	agcaattcaa	acctttcgat	gtggttctcc	ctgtttaata	1980
tctccatgta	attgtccttc	agccttaggt	aggtaaagcc	aagtctctgg	acaccttcga	2040
ccagcgccac	ctcgtcgggc	gaggatgaga	tgtacacaca	ggatttcccc	ccgtccggcg	2100
atttcctggg	gccgtctacg	ctgtcatcgt	ctttcacctg	gacggtgtgg	cagagacaga	2160
gggcccggaa	aaacagctcc	tcgcgctccc	tcccgttgac	gctggggggac	gagtcaatca	2220
tgctgattcc	tgacgactct	gggaggacct	gcccgttgca	gatgacgtgg	ggcacgtaga	2280
catggccttc	gatgcagcac	tccttgaact	ccatggtgtt	ttccgtgagg	gtgccgggtct	2340
tgtctgtgaa	gatgtactcc	acctgtccca	gctcttcatt	gagggtccgac	gtgttcacca	2400
gaggccccctc	gccagtctcc	tcgtcaaaca	tgtcttcgtc	ccaggatgatg	aagtaagagc	2460
cgaggaactt	ctgcatctcg	accgtgacgt	acatggacac	agggatgatg	tagttaaaga	2520
ggaccatgaa	ggccaggaag	tccgtgaatg	ccttgaggaa	cagattcctc	tg	2572

<210> 4211

<211> 363

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (363)...(168)

<223> similar to gi929660 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4211

ggcacgagga	caaagtcaaa	gaggagacat	ttcacagata	cctcagccag	gcgccatgag	60
gcctatgagg	tcaagaatgg	agagaagttt	gagaaattag	gaaaaaatat	tagcgtcagc	120
acacaagtca	cgtacgaatg	agacaaatcc	tagtggtcag	atatgttagg	aggggtggacg	180
agtggggaga	tatgtgatgg	ggatgcggga	cttgcgatg	gtgggggagt	gggtggcggg	240
ggttgggttg	gggattgggg	ctgtggggag	gagatggaga	gtggtgaggt	gggtgtgtg	300
gggtgtggga	tgggtgaagg	ggaggagtgg	gggatggttg	tgatgggtgt	gggtgagggg	360
ggg						363

<210> 4212

<211> 1153

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (923)...(457)

<223> similar to gi5739567 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 4212
tttttttttt ttgcattgta tgtattacag aagttagaaa caaacacctg gatcaattgt      60
aaacataatc ctgaattaca gtattttcca taggacaaaa cacagcaaga cattttctat      120
ttagacaggc aactttttga tatagagctt atttatactg aagaatctgg aacaaaacac      180
aggacacagt actaatctgt caaatatact atgaaatgca tagtctccac ttaaaatgct      240
gaatgacaca cacgttttgc aagcattact gctttccaca aaaactgctg aataggagtt      300
ccgtccctgc caagatcagt gtttaagaga tactttatga tgctgataag tattattggt      360
ggtggtggtg ttcagaaagt ttgtcactca tgcagatgtc tgaaatcttg ttccgaatcc      420
atggaacata ggggtggaggc cagctcccc ttttttagat gatcacatag ttctgagcag      480
agatgtggtc ctcaccctgc agttcctgca ggagctgctg ctgctgggat ggctgctgga      540
cagaggcctc catggagccc gctgtgctgg tgtcatcaga aagagacgta aaggaaaccc      600
gggatgagag ctgctcaacg gtcagagttg ccaaagctga gctctggcca gagttaggag      660
agttcttgag cataaggtca gaagcaggta agagggggcc tagaagtttt acaggacaga      720
aagctgatcc ggttgggatg aaattaacct tgtttttgtc aggacatgaa aagagagggg      780
ccgagatagg ctgacgagac gccatttcct caaagacctt cactcgctca catccctctg      840
ggggctcccg tttgaacatg tagctgttgt ttggtttggg agatgaagca tacttgggta      900
acggtgagct actcccactg tctgtaaatt taaagcagtt atattaacta gtgattgaaa      960
gctcttttaa atttgatttc caaacaacaa gccttttgca caatttatcc actactgcc      1020
ctatgctttg accagtctcc tttattgcaa agctatttct tataccctgt gtagcacatt      1080
tcttgtaaat aaaaactgca atgcaacagt catctgccac accatagaac ataaaaagga      1140
catttctcgt gcc                                         1153

```

<210> 4213

<211> 406

<212> DNA

<213> Homo sapiens:

<220>

<221> misc_feature

<222> (405)...(137)

<223> similar to gi871299 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4213
ggcacgagga caatggtggt tggaggaaa ggaagggggg ggggcggcct ccgtccttta      60
gtcctgatca aggtgaggag atgcaagtcc attaaaaaaa catttgcttc caaccagact      120
cctttctcag tggtgccggt cccgttctct atcccgggtg ctctcatgct cccggttcct      180
ttcttggaat taatcatcat gccgatcttc attatgaagc agatcccggg gcctcctgct      240
gctctcccgg gaccggctag gtgacctttc ccgggagcga tgtcttttcc tggaagagct      300
cccactggca cccacactgt aggacttggc ttcaatgcca tgaagacagt ccttaagaga      360
ggagatgagg acacggcaac gctcatcatt ggcaaccggg gtattt                                         406

```

<210> 4214
 <211> 925
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(926)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (10)...(284)
 <223> similar to gi3309541 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4214

ggcacgagcg	gcacgagggc	tgaacaggaa	aagcgagaga	aaacggcctc	accagcttac	60
acagcactga	ccaccacagc	caaagtccgg	ccaaggaaac	taggattttc	acacttcgga	120
aacataagaa	aaaagaagtt	cgatgaatcg	acggactaca	tttgcccaat	ggagcccagt	180
gacggtgtca	gtgatagtca	cagggctctac	agtggctacc	ggggcctcag	cccccttgat	240
gcccctgaac	tggatgggct	ggaccaggtg	ggacagatta	gctgatgcc	ttgtcacctg	300
ccctctgtgc	accctgagag	ctcacagtaa	cactgtgtgt	gtcaccatat	aactgcacct	360
cacccccgca	cgtgtgcatg	actcgagag	aatattccag	caattgtgta	cccctgggcc	420
agtctctttg	aacctgagag	gtggccagga	tctggagctg	catctctaag	gggccaggct	480
ttggggacca	ttgccaaagg	tggactcagg	aggaaagaca	cttaaagaca	cttttacatg	540
tctagtaatt	cttgatgttc	atcttcagca	ccagtggaaa	cacatgaact	tcgatgcagg	600
tccagagacc	atggacactc	ccacgaggtc	cagctctcag	gcacccccta	cacttcagtt	660
gagggaaaaag	ctcaagtgcc	ttagggccgt	ggaccacagt	cttggctgag	atcaaaggga	720
tgagcaacag	ggacttctgc	cacagtgaca	atggaattgt	gttgtgcctt	acttcagagg	780
tgggtctcttc	tttcttgtaa	taaaagcaat	atztatgcgg	nnnnnnnnnn	nnnnngggcg	840
gccgttttaa	aggatccaag	ttatacgccg	cgggctggca	aggtaatagt	ttttttatgg	900
ggcccccaaa	attcaatcca	cgggg				925

<210> 4215
 <211> 645
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (646)...(487)
 <223> similar to gi1872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4215

ggcagcagct	ggaagaaatt	taacaaagaa	taggaggatt	tgtacactaa	aaagtacaaa	60
acattgttaa	tagaaattaa	gtaagaccaa	ataaatggaa	aaacattaaa	tgtttttgta	120
tcagacaact	taatattgtt	aaggtggtaa	tactacccaa	attgatgtga	agaaccaaca	180
caattcctat	aaaaatccca	gctgggtttt	tgcagaatca	ataagctgat	cctaaaattc	240
acatagaaat	gcaagaaatc	cagaagagcc	aaaacaatac	tgaaaaagaa	caaagttgga	300
ggattcactc	ttcccaattt	caaattgtat	gacaaaacta	ttcaaggttg	ggtgaggtgg	360
ctcgtgcctg	taatcccagc	actttgggag	gccaaaggta	gaggatcact	tggaaccagg	420
agtttgagac	cagcccaggc	aacacagtga	gactccaact	ctataaaaaa	ttaaaaatta	480
gccagggggc	caggtgcaat	ggctcacact	tgtaatccca	gcactttggg	aggccaaggt	540
gggcagatca	cctgaggtca	ggatttcaag	accagcctga	ccaacatgga	gaaaaccctg	600
ctctactaaa	aatccaaaat	cagctgggtg	tggtggtgca	tgct		645

<210> 4216

<211> 951

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(952)

<223> similar to gi4583386 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4216						
atgcgggcg	cggcggcgg	ggggggcg	cggacggcg	cgctggcg	gctgctggg	60
gcgctgcact	gggcgccgg	gcgctgcg	gagtagcact	actatggctg	gcaggccgag	120
ccgctgcacg	gccgctccta	ctccaagccg	ccgcagtgcc	ttgacatccc	tgccgacctg	180
ccgctctgcc	acacgggtgg	ctacaagcgc	atgcggctgc	ccaacctgct	ggagcacgag	240
agcctggccg	aagtgaagca	gcaggcgagc	agctggctgc	cgctgctggc	caagcgctgc	300
cactcgata	cgcaggtctt	cctgtgctcg	ctctttgcgc	ccgtctgtct	cgaccggccc	360
atctaccgct	gccgctcgct	gtgcgagggc	gtgcgcgcgc	gctgcgcgcc	gctcatggag	420
gcctacggct	ttccctggcc	tgagatgctg	cactgccaca	agttccccct	ggacaacgac	480
ctctgcacg	ccgtgcagtt	cgggcacctg	cccgccaccg	cgctccagct	gaccaagatc	540
tgcgcccatg	gtgagatgga	gcacagtgtc	gacggcctca	tgagcagat	gtgctccagt	600
gactttgtgg	tcaaaatgcy	catcaaggag	atcaagatag	agaatgggga	ccggaagctg	660
attggagccc	agaaaaagaa	gaagctgctc	aagccggggc	ccctgaagcg	caaggacacc	720
aagcggctgg	tgctgcacat	gaagaatggc	gcgggctgcc	cctgcccaca	gctggacagc	780
ctggcgggca	gcttcctggg	catggggccg	aaagtggatg	gacagctgct	gctcatggcc	840
gtctaccgct	gggacaagaa	gaataaggag	atgaagtttg	cagtcaaatt	catgttctcc	900
tacccctgct	ccctctacta	ccctttcttc	tacggggcgg	cagagcccca	c	951

<210> 4217

<211> 2260

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(865)
 <223> similar to gi4322936 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4217

gaggcggaat	tctagaggag	ttggagagaa	ggcgcaaaga	agaagaggag	aggagacggg	60
cagaagaaga	aaagaggaga	gttgaaagag	aacaggagtg	ccgatggcgg	gagatggagg	120
agcaccggca	ggcagagagg	ctccagaggc	agttgcaaca	agaacaagca	tatctcctgt	180
ctctacagca	tgaccatagg	aggccgcacc	cgcagcactc	gcagcagccg	ccaccaccgc	240
agcaggaaag	gagcaagcca	agcttccatg	ctcccagagcc	caaagcccac	tacgagcctg	300
ctgaccgagc	gcgagagggt	cctgtgagaa	caacatctcg	ctcccctgtt	ctgtcccgtc	360
gagattcccc	actgcagggc	agtgggcagc	agaatagcca	ggcaggacag	agaaactcca	420
ccagtattga	gccccatgtt	ttgtgggaga	gagtggagaa	gctgggtgcc	agagctggca	480
gtggcagctc	ctcaggggtc	agcaactcag	gatcccagcc	cgggtctcac	cctgggtctc	540
agagtggctc	cggggaacgc	ttcagagtga	gatcatcacc	caagtctgaa	ggctctccat	600
ctcagcgctc	ggaaaatgca	gtgaaaaaac	ctgaagataa	aaaggaagtt	ttcagacccc	660
tcaagcctgc	tggcgaagtg	gatctgaccg	cactggccaa	agagcttcga	gcagtggaaag	720
atgtacggcc	acctcacaaa	gtaacggact	actctctatc	cagtgaggag	tcggggacga	780
cggatgagga	ggacgacgat	gtggagcagg	aaggggctga	cgagtccacc	tcaggaccag	840
aggacaccag	agcagcgctc	gtccccggtc	tcttttagag	cggatgagag	tattctctca	900
gagcctgctt	tccactggga	cctagtgtgt	cctagactat	tccgtgaccc	catgagcact	960
tactatgtag	ttctcgtgga	ttcagcagca	ggtcgccttg	tgtttcccct	tctcttcggt	1020
ggtgtgtgca	tatgtcagtg	cttccccag	caccccagcg	tgtactttat	tttttccttt	1080
tgatttgagg	atatatgata	caggggaaat	ttcagtttgg	tataactact	tttaattagcc	1140
ataattattc	attctaagtt	tttgctcaga	aacaaatggc	actggaaaga	aattctttgt	1200
taaagggaga	aagctaagca	gttgcttttt	tggaggaggc	tttatatcgg	tagcctcatc	1260
tcatgttttg	attttgagaa	ggcgaaaagc	ctaaacagga	tctccttgac	tccagagatt	1320
aaggcctttc	acgtctggat	tttttctcca	taggtcatct	ctgaatttga	gcaatgggtga	1380
aacggaatct	gtgaaaacca	tgattgtcca	tgatgatgta	gaaagtgagc	cggccatgac	1440
cccatccaag	gagggcactc	taatcgctcg	ccaggtaccc	gtgtcttctc	tgttgtcaga	1500
ggctgagctt	ctcctgtggt	cattaaccca	cttgctcatt	cactcactca	tgctgtttct	1560
ccatcatcat	ctgttttcat	gttaacaagt	cccagagggg	caagtgtcga	gtgtcggggg	1620
ctagggaggc	aggtgtgtac	tgcatgcccc	gaaggtagcg	agtagtctcc	acccacatc	1680
gctgtcctc	tgcatgtctg	cggcagccct	cattcaagca	ccgcgctgag	tctcacagtc	1740
tatgtctgag	cgggagagaa	gcccacaggg	agtccttaaa	caggctcaca	gagtgaggaa	1800
gccaggtctg	gagtctggca	gagccagcca	ccatggctct	gcagagccac	gctgggctct	1860
gagtgtctgc	agtgccacag	tgggagcggg	tgaggcaggg	aggacgagcc	tcatcacagg	1920
cccagagact	cggagagcag	aagggttcgg	gaggtttctc	ttctatgttc	caaaatgtta	1980
gttttctcac	ttgttgaaata	attaaatgtg	tgccaccag	atatgctcag	tttgatcac	2040
taagctttat	aactgtctgt	tcattttctta	gcttagactt	aattaaagtg	atacgcttct	2100
catttaaata	gaacagggca	cctatttagt	attttggact	ttgccctaag	tgtgtttcat	2160
gctatggcaa	tgcattcgga	tggaaagtag	gaagaatgtg	gaaaagacca	ggattcagag	2220
aatccacagg	tactttctgg	agctttgcaa	agaaagattt			2260

<210> 4218
 <211> 2077
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (110)...(966)
 <223> similar to gi3941342 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4218

tttcgtctaa	cctcggctct	tcccagtcct	ctggactata	atggggaaca	cattgggcct	60
ggcaccaatg	gggactttgc	cccgccggag	cccccgccga	gaggaacccc	tgcccaaccc	120
tgggagcttc	gatgagctgc	accgtctatg	caaagatgta	ttcccagcac	agatggaggg	180
agtgaagctc	gttgtcaaca	aggttctgag	cagccatttc	caggtggcgc	acactataca	240
catgagtgcc	ctgggcttgc	cgggatatca	cctccatgcg	gcctatgcag	gggattggca	300
gctcagtcct	actgaggtgt	tccccactgt	ggtaggggat	atggacagca	gtggcagcct	360
gaacgcccag	gtcttgctcc	tcttggcaga	gcggctccga	gctaaggctg	tcttccagac	420
gcagcaggcc	aagttcctga	catggcagtt	tgatggcgag	tatcggggag	atgactacac	480
agccactctg	accctaggaa	atcctgacct	gattggggag	tcggtgatca	tggttgctca	540
cttcctgcag	agcctcactc	atcggctggg	gctgggagga	gagctagttt	atcacccggc	600
gccaggcgaa	gagggggcca	tcttgacact	ggctgggaag	tactcggctg	tacactgggt	660
agctacattg	aatgtgggat	caggcggggc	ccatgcaagt	tactaccaca	gggcaaata	720
acaggttcag	gttggagtgg	agtttgaggc	aaacacaagg	ctacaagaca	caacattctc	780
ctttggttac	cacctgactc	tgccccaggc	caacatggta	tttagaggct	tggtggatag	840
taactggtgt	gtaggtgctg	tgctggagaa	gaagatgccc	cctctgcctg	tcaccctagc	900
ccttgaggcc	ttcctcaatc	actggcgcaa	cagattccat	tgtggcttca	gcactactgt	960
gggctgaggt	tgtccagagc	cagcccccac	agcagctgga	acctctgagt	cagggtgcct	1020
agggccaaag	actaggcccc	tcttcagagc	ccaccttgct	gggtgatctc	taggaccag	1080
gagcagagt	gtggacagga	ccatgccctc	ctcagaactg	gagctgcca	aggggcagtt	1140
gatgaggcag	aggtttgagg	atccccctc	tgctaccagc	cccagtatca	ccttccccat	1200
gctcttggtg	ctgtggacta	agggagaagg	attaaggggt	atggctgaat	tccccggca	1260
ccccctgccc	tcaggcttcc	ttcttccttt	ccctttggtt	aatcctgcat	gggattagct	1320
gaccatcctg	ttttccatcc	cagagcctcc	caaggctggg	aaagtagggc	tgaagggtca	1380
gatgtttggt	ctcaggaagt	ggggcccacc	cattcccaga	aggagcttct	ttacctctta	1440
gccctgaggt	ttcctccttc	ccatcttctg	tgcttcaga	gaacaacttt	gttcctatgg	1500
tcacccccac	tatccccatg	accgcatgaa	gaggcagtta	ttgctttagt	ctttcattgc	1560
aaccactggg	ctccctttga	acccggccca	atctttggtc	ccagcatttt	cccactccag	1620
tgtatccagg	gtgttccagg	tgagctgggg	aagggaagtga	gcatggcctc	agctgcagat	1680
ctcctggagc	agcggcatca	tggcagacag	gccctggatg	tgctggattt	ggtaccctga	1740
ggcctcatta	atgctccgga	gctcagccag	caggcctagc	aacttcgcat	acagaaacct	1800
ttggaggaag	tagtgggggt	gccaggaaaa	caggagggaa	ataaggcagt	tgggagtctt	1860
gtctctaggc	cctgatcccc	tgaactattc	ctcagtgaag	ccaggtctga	acattataga	1920
aaatcatgct	ctggtatgac	agactatcag	aggttccaaa	ggtcctccag	ggggcctcgg	1980
tctgacactg	tcttctctca	ccatgctcag	ttttttctga	accagagct	ctgagagccg	2040
agtgtgaaga	aagctccaga	cttggccaga	acctcac			2077

<210> 4219
 <211> 2398
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (24)...(892)
 <223> similar to gi3876073 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4219

ggcagcaggc	taatgatcct	gattatctga	aacgtcaagt	tggtttctgt	gcccagtgga	60
gcttagacaa	tctcttttta	aaagaaggta	gacagctgac	ctatgagaaa	gtgaacttga	120
gtagcattag	ggccatgctg	aatagcaatg	atgtcagcga	gtacctgaag	atctcacctc	180
atggcttaga	ggctcgctgt	gatgcctcct	cttttgaaag	tgtgcgttgc	accttttgtg	240
tggatgccgg	ggtatggtac	tatgaagtaa	cagtggtcac	ttctggcgtc	atgcagattg	300
gctggggccac	tcgagacagc	aaattcctca	atcatgaagg	ctacggcatt	ggggatgatg	360
aatattcctg	tgcgtatgat	ggctgccggc	agctgatttg	gtacaatgcc	agaagtaagc	420
ctcacgtaca	cccatgctgg	aaagaaggag	atacagtagg	atttctgtta	gacttgaatg	480
aaaagcaaat	gatcttcttt	ttaaattggca	accagctgcc	tcctgaaaag	caagtctttt	540
catctactgt	atctggattt	tttgcctgcag	ctagtttcat	gtcatatcaa	caatgtgagt	600
tcaattttgg	agcaaaaacca	ttcaaatacc	caccatctat	gaaatttagc	acttttaaatg	660
actacgcctt	cctaacagct	gaagaaaaaa	tcattttgcc	aaggcacagg	cgtcttgctc	720
tgttgaagca	agtcagtatc	cgagaaaact	gctgttcctt	ttgttgtgat	gaggtagcag	780
acacacaatt	gaagccatgt	ggacacagtg	acctgtgcat	ggattgtgcc	ttgcagctgg	840
agacctgccc	attgtgtcgt	aaagaaatag	tatctagaat	cagacagatt	tctcatattt	900
catgacacat	gtgaagaggc	atcgtggact	ttttctact	caattccagc	caatggtgaa	960
aagaaaaaga	aaaaaaaaaac	tctctaataca	gttgtacaca	cattgaaact	tatagccatg	1020
gccagatttt	atgctaaaaa	tggtagtttg	tcaaagacaa	aattctctta	gaatctaatac	1080
caacttgcca	gccctgagaa	aatccctttt	aaggccaagg	aaagctgaat	gctagcagcc	1140
aggcctgtgg	tacttccatg	agaaaccata	gcagacaatg	ccctcccaag	tactgaaatc	1200
acactggaat	cccccttggt	gggttcattt	gattgtttta	cacaggatgt	gttgtgtcat	1260
tctgaagttt	ttatttgggg	cagaagtctt	tatggagatg	taaatgacag	cgtttctggg	1320
ttatgcataa	cttctcactg	gtcagagaca	ccggtgtgtc	aagcatggat	attgcattgc	1380
aagacttgaa	tctataaaaa	ttagaatcac	acagtcagta	ctacaagcaa	aacagagAAC	1440
ctgaaagaag	gtgcacagac	tgtgaagaaa	aaccaagtt	tgtgatattt	cagtgattcc	1500
aaagaacatt	ctaggttttt	tgtttgtttt	tttgtttttt	gggttttttt	tttttactgc	1560
aaaaaatggg	gggtattttt	acattcatag	tgtttctatc	caatttcagt	accacatttt	1620
aatgaggaaa	aaatgtttta	ccaatgaagg	aggaattctt	aaattagctg	taatgttagg	1680
ttggagaaaa	tttgggtattt	agggtatttt	caaggtaacca	tcaaatacaga	tttctgtttt	1740
tttgttaaaa	aaaatttttt	taatcagtat	tgtttttaca	agtaatatac	tttgaaactc	1800
ttgaactaat	agtctcaaaa	actctagagg	acagtcctgag	aacacgtatt	tctattgttc	1860
taaataaata	catgtttttg	aatagttcaa	tcatgaatta	ttgactatgt	cttcatcaaa	1920
agtgttaatc	cctctcaggg	tctctgggtga	agaccttcaa	gagtttggtt	ttttctccca	1980
ggaaattgga	aggtagaatt	gtaaattcat	agaacttctt	ttataatggt	gtacctcagc	2040
agctgccttt	caatttatgc	caagtcctta	cagagtttat	acttgaatag	taaatatgtc	2100
ttctgagttt	tacagtgtct	taaactcaat	gcacattttt	ttttcttctt	tttccacccc	2160
ttcttgtttg	tagttcatta	tacctgtcct	attacagaac	tgatttcctt	cctggctgta	2220
catgttgggg	tgctggattt	ttttccgtgt	ctttagtctt	ccataaatcc	acacacacac	2280
acacacacaa	aaaatatata	tatatataaa	tatatatgta	ggatacatgt	tctcttcttt	2340
agcttgtggg	gaatacagta	atttgcattg	aagaataaaa	catctgttgc	cttttttg	2398

<210> 4220
 <211> 1246
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1247)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (319)...(422)

<223> similar to gi5069431 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4220

ggcacgagca	aaaggatgac	atccaaggaa	agataactga	atcaatgtga	agtctgtgag	60
tccctccagt	tgtcttcttc	ctcatcagga	ctaaaactgg	acttaagagg	cagcgatcca	120
ctaagcactg	cttctgttca	gaaataagaa	ggaaggaatt	catacagaga	actcgtatta	180
agccagtagt	ttgtgtctac	ttgtgatcct	cttgtgggtat	gtgataccat	atagaaatag	240
taaagaaatg	gctatatctt	tgcttttatg	attagaagta	gcacattaaa	tgatgtggtc	300
tgtctgttgc	cactcactca	gctccatctg	atccactgga	actccactct	gtttggcagc	360
attgatgagg	ctgtggggaa	gccgcacgga	atcgccatca	ttgctctgtt	tgttcaggta	420
aacggtctgc	tgtgattatc	gcattgttta	gagatgctaa	tttctaaatc	attttgtaaa	480
atTTTTTTat	tctcaatttt	attgctttaga	gatgaaatta	cacacataga	gagaacacct	540
gataaaaaaca	gaaaacttga	tccttatggt	ttatcggagt	tcagacatat	tcattggtag	600
aaaatagttc	ctttattttat	tagaaatttt	cttcagagta	gcattcaggg	tctttggaga	660
aatgatttag	aaaatgactc	ctgaaggtag	agttttatttt	atgaaaaagg	atttcagaaa	720
atgtctttag	accctgggtt	acagaaaaat	ctacaaaaaa	aatcaataac	aataatagaa	780
gtatgtagta	gattacttta	gcccttcttt	attaacaatt	ttcactctga	gatgacttga	840
aatgccttat	aggaaacact	gataaaaaatc	agactggcaa	agacctggc	agatatagtc	900
aatataacat	ttggatttga	gctctgtggt	aggcaaagaa	gagtatataa	atttacccaa	960
acatatgaaa	gcaggccacg	tgctttcaga	ggtaaaaact	taactccagt	ttttaaggcg	1020
aacttctaaa	ttttgtctta	ttacctgttt	gacatcgtaa	aagattttaga	ggtgaaagag	1080
tatccgggaa	atTTtagcct	taaagctgcc	catcaggacc	aggaaccag	agttgcagct	1140
ccnggtggc	tccgggctgc	ccattgggat	acccggggat	tagagcctgt	tagcncagtg	1200
gtcctccaga	accttaattt	ccccaaagaga	gtccgataat	gggccc		1246

<210> 4221

<211> 1214

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1078)...(464)

<223> similar to gi2822157 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4221
tttttttttt ttgacagtaa gagcaggttt actgttggca acagcacagc cctgtggcac      60
ccaagggtag cgggtggggg ggcggccggg tctcctgggg ccccgttctc cctcccatte      120
tctaggtccc tggaggccag acccctgggt gcggcccatc ctagcagtgg ttctggctgg      180
gtctgtcctg ggcaggagag gagggtccct ggagaggcag tgatggctac agcgtctgta      240
gggagctggg gacacttccg gccagccatg acaggcccaa gcctgctcag ctctgcactt      300
ctggggatcc ccttattcct gactctcccc cctcccccac ctggaagaga cctaggccct      360
gcaccctaata gaggaggacc ggggtgaggg ggtgcagagt gtccctggggg ggctccgagc      420
gcttggcagg ggactcagca aggggagcgt agggcgggcc tcacgtctgc agctccagga      480
ggcagttggg ctctgagggg ggggagccgg cgggctgga gctatgggccc tcgaggaggt      540
cctgcagcac ccggagcagc cgggccaatg agtcctcggg gactttgcca gggctcgtgg      600
gcaccgtgcc tgcctctgcg ccccgcctca gctcccggtg cctctccccc agcatggcct      660
ccacgccagc caggtgccgg tagatgagct gggcctcaag gtcattgtca agagggtcat      720
tccactcctg cagggtcacc cgtgaccggg tcttatcgca gccctgacct gtcttctctt      780
tttgggtggca gcagctccac ttgtccccac ggaagacgcc aggggtggtag gagcccagca      840
gtccgggtgtt gttgatgctc accttccgca gcgcagacag ccactgggta agctcattca      900
cacacttggg gctgggcgtc ttgcggaagc tgagggcctc ggtagttagg gagaagtaga      960
gcttcttgaa ggaggaggac atgagggggc ccttgccctt ggtcctgtgg atgaagagtg     1020
gcccctcctt cacaggtggc gcctgcaaac tcagcgtccg ctgcagggtcc agctctgcca     1080
ggccagggag ggaggggaat agagagccca gtgaatgagg gcgggactgg ggggagcgga     1140
gcagtgggag gggccatggg gctcaagggc tgagcaaadc tgaacagcag gcagtggacg     1200
tagtcactcg tgcc                                     1214

```

```

<210> 4222
<211> 345
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(346)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (5)...(158)
<223> similar to gi344410 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4222
ggcacgagcc cgcaagcaga tcgtagctgg ggtgaactac ttcttggacg tggagctgag      60
ccgaaccacg cgtaccaaga cccaacccaa cttggacaac tgccccttgc atgaccagcc      120
acatctgaaa gggaaagcat tctgtctttt ccagagctag cctgacaacc cggcattcaa      180
gtaacacatt cccaattaac accggtgctc aaatcatcgg caatcccatg ccaacaggac      240
tcggctccgc atctaagcca ttcaggggtg gacctccgcg acgattctga cgatgagctc      300
tctgccatgg ttgtaagata atcgaccgca atgtcctgtc aactn                               345

```

<210> 4223
 <211> 1945
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1755)...(956)
 <223> similar to gi3327172 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 4223
tttttttttt ttaaattttt aagagctcaa aggtatacag gcagaaagtg gaaaatctca    60
ctactacttt ttattctaag ctacgggtgt ttcagatata tatttcacaa ccaagaccat   120
gaaacccatc atagtatttg tgactactat gaaaactatg acatgtcagt cagccttgct   180
gctgtctgtg tgctgtatat aagtccatta catattccct ataggctggg attgaaaacc   240
tgaaaatgaa atgaagtccc tagagaaact tggccatgct ggggtgctttt taccaagttt   300
ggcaataaaa aaaaaaaaaa atcagtgttc aaaggagaca tacaaaagtc catttaatgt   360
aggcagagga tgtttagggg ggttacaatt tctatcccct gggggaaaac ccaatacttg   420
gtagaaggat aaagaaaaag ccacgtgaaa taatactgaa tagcaccaga atagccttac   480
actaaagctc gcatgcgcac agggctggga ggatggcttc ctcttgccag gccctttagg   540
tcatttcagc aattgttctg ttaaacatag cattaatggt atcaagacac agcaagcagc   600
agaaagcttg tggagtcaca ttcatagtg tctcatctcc aaatcagata aaagtgggtat   660
acagggttcc atccagaaaag cattcagtc gagcaagtta aagtcagtac tttctaacat   720
acttttaaga tacttatgct gaattagccc aaggagagaaa aattaatgtg cttgatgtat   780
ttactaagac ttgcatctca agtcttcaat aatgcctatt tttgaaagaa acctaggcaa   840
cgaattgaag agacttgga atgtgccaat tccctaaatg tttttctccc tgtgggataa   900
ttttttttta agggacaata tatttgagga gaagagatta ttcttggtgc acctacctaa   960
ccactgtaca aaagacttca ccatagacat tatactcttg atatcccaa cataggagta  1020
catgtcataa agaattgtcc tgttggcaca attggagagc cgagtgaaca ttcccatcac  1080
tagtccacac atctcttcaa acttggctgc tcgtgaccgc cattcttcaa ttttttcaga  1140
gtcttttcct ttgcaattga cactgacaac actactatct gctcgaagcc attgaaattc  1200
ccgtaacatc tgtgtcctct tgggtccatg ctcgtaagga aggtagaata gatcagcaag  1260
taactgcaaa tcctccaggg tcaactgggtc cgcagtgtac aaaggccttt catttggacc  1320
tggcacaacac tgctccttgt ttgtctgttc atcagtttgc atggggggcaa tgtcactaat  1380
acaatcttct tgcatggaca tctctgggga ttttgattca gctatgctct ctttatcagt  1440
gtccatttgt ttcaattcct ctgccatttt cgcttcaaca atttcactca gtatttgatt  1500
gtcattcttg tgggtccgttt ctctctgttt ttccaccacc atgtccatgg gttcttcate  1560
aggctgtttc ttttcttctt ccttgggtcag agtagtaggc tcaccactca aggctgtccc  1620
ctggctcata atgggtcctt gataaactgt tgttactacg gttgtggcat ttaaagaggg  1680
tgctgcaact aaaggagtcc catcaactac acttgcttta gctccactgt gtgcaacttg  1740
cctacctaca aaaataaata aatgtataaa taaaatgggtc acacagataa tcagaattag  1800
agatagaaca cattagattc agaaagatgc tttatcatat ttgttaagtg gaacctcaat  1860
tttagatcca aattaatttg acctctaaga aaaatgagat ttctctatac tactagggat  1920
gcaggaatgg aagggcgttg ggaggg                                     1945

```

<210> 4224
 <211> 2298
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (374)...(1967)

<223> similar to gi5805194 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4224

tcatcacgcc	tagcttggca	cgaggcaata	gacgcccaga	tagtaaggag	gctgaggcaa	60
gacaatttat	tgaaccacg	aggcggaggt	tgcagtgagc	tgagattgtg	ccactgcagt	120
ccagcctggg	caacagagt	agactctgtc	tcaaaaaaag	aaaaaaagag	ctaaatgttt	180
ttaaatttcc	agagctaaat	attttgtaaa	gaccatttac	aaaaggcctt	cattttatag	240
tggtagccag	gtcacccctt	tccatccata	acctgaggaa	caggaaatta	ggacccctgt	300
gaaggtggct	gagggcaagg	agagaggggt	cctcctctgt	ggcctgcatt	tgagtgtctc	360
ttcttcccag	tagcaagaat	ttcgactggg	agtgcgactc	tactcagagg	aacagccaca	420
ggaagctgtg	ccccacctag	aggcggcgct	gcaagaatac	tttgtggcct	atgaggagt	480
ccgtgccttc	tgcgaagggc	cctatgacta	cgatggctac	aactaccttg	agtacaacgc	540
tgacctcttc	caggccatca	cagatcatta	catccaggtc	ctcaactgta	agcagaactg	600
tgtcacggag	cttgcttccc	acccaagtgc	agagaagccc	tttgaagact	tcctcccatc	660
gcattataat	tatctgcagt	ttgcctacta	taacattggg	aattatacac	aggctgttga	720
atgtgccaa	acctatcttc	tcttcttccc	caatgacgag	gtgatgaacc	aaaatttggc	780
ctattatgca	gctatgcttg	gagaagaaca	caccagatcc	atcggtcccc	gtgagagtgc	840
caaggagtac	cgacacgcga	gcctactgga	aaaagaactg	cttttcttcg	cttatgatgt	900
ttttggaatt	ccctttgtgg	atccggattc	atggactcca	gaagaagtga	ttcccaagag	960
attgcaagag	aaacagaagt	cagaacggga	aacagccgta	cgcatctccc	aggagattgg	1020
gaaccttatg	aaggaaatcg	agacccttgt	ggaagagaag	accaaggagt	cactggatgt	1080
gagcagactg	accggggaag	gtggccccct	gctgtatgaa	ggcatcagtc	tcaccatgaa	1140
ctccaaactc	ctgaatgggt	cccagcgggt	ggtgatggac	ggcgtaatct	ctgaccacga	1200
gtgtcaggag	ctgcagagac	tgaccaatgt	ggcagcaacc	tcaggagatg	gctaccgggg	1260
tcagacctcc	ccacatactc	ccaatgaaaa	gttctatggg	gtcactgtct	tcaaagccct	1320
caagctgggg	caagaaggca	aagttcctct	gcagagtgcc	cacctgtact	acaacgtgac	1380
ggagaagggtg	cggcgcacat	tggagtccca	cttccgcctg	gatacgcccc	tctacttttc	1440
ctactctcat	ctggtgtgcc	gcactgccat	cgaagagggtc	caggcagaga	ggaaggatga	1500
tagtcatcca	gtccacgtgg	acaactgcat	cctgaatgcc	gagaccctcg	tgtgtgtcaa	1560
agagccccca	gcctacacct	tccgcgacta	cagcgccatc	ctttacctaa	atggggactt	1620
cgatggcgga	aacttttatt	tactgaact	ggatgccaa	accgtgacgg	cagaggtgca	1680
gcctcagtg	ggaagagccg	tgggattctc	ttcaggcact	gaaaaccac	atggagtga	1740
ggctgtcacc	agggggcagc	gctgtgccat	cgccctgtgg	ttcaccctgg	accctcgaca	1800
cagcgagcgg	gacaggggtg	aggcagatga	cctgggtgaag	atgctcttca	gccagaaga	1860
gatggacctc	tcccaggagc	agccctgga	tgcccagcag	ggcccccccg	aacctgcaca	1920
agagtctctc	tcaggcagtg	aatcgaagcc	caaggatgag	ctatgacagc	gtccaggtca	1980
gacggatggg	tgactagacc	catggagagg	aactcttctg	cactctgagc	tggccagccc	2040
ctcggggctg	cagagcagtg	agcctacatc	tgccactcag	ccgaggggac	cctgctcaca	2100
gccttctaca	tgggtgctact	gctcttggag	tggacatgac	cagacaccgc	acccctgga	2160
tctggctgag	ggctcaggac	acaggcccag	ccacccccag	gggcctccac	aggccgtgc	2220
ataacagcga	tacagtactt	aagtgtctgt	gtagacaacc	aaagaataaa	tgattcatgg	2280
ttttttttaa	aaaaaaaa					2298

<210> 4225

```

<211> 1006
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (934)...(534)
<223> similar to gi4008446 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4225
gtcgactttt cagaatgtga agattttact cttggcttaa tttttccctc cactcagtgc      60
taagctgagc ctccagatgc tgttacctca gatttaatca ctggttgaaa ctccgtataa     120
tctgtagagc ctccatggct ctaaaatttg gaattaactt ctctttcttt aaaatgaagc     180
ttttatacat agctatccac atatgtacaa gcagctctta aggcaagaga agttaattcc     240
aaattttaga gccatggagg ctctacagat tatacggagt ttcaaccagt gattaaatct     300
gaggtaacag catctggagg ctcagcctta gcaactgagt gagggaaaaa ttaagccaag     360
agtaaaatct tcacattctg aaaataatag tggcaaaaca taacactcct ggactgcggg     420
aaataaaaatt gagagggaca tgattagaag taaacttcta gaattctact aattccaggt     480
tcttcaaatt ggtacaactg gtgacaatcc cagagtcacc agtcatcaca tcaaagtttg     540
atagagaaag atgaccacac ggagcagcct tgctgtgctt gaggattgtt caacacttga     600
aatgagcttc ggatcagttc ttggctgaag tccacctggg cccctttcac gaaggccaag     660
ctatcagagt caaccaccac tcttgcccca cctgttcaa atacctgtc gtcgggggttg     720
ataactgtat ccagtgaaaa ttgtattgg aatccggagc atccacctcc ctccacttgc     780
agcctgagga attctgaccc ttcggtgatt tccaaaagcc tctggacgca actgtctgtg     840
aggcggatct gcccttcgcc ggccctcggg ctggaggacg acgcctcccg acgcgcctgg     900
ggtcccaggg aggccgtgag gagcctgccc ctcgccagg gagtgaccgc tctctgcgtc     960
gcggccggtta gggacgaccc ccaggcggca gccatcttct cgtgcc                      1006

```

```

<210> 4226
<211> 990
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (267)...(426)
<223> similar to gi2632247 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4226
catgtgtatc tgctgtctct tagcccagac ttcccgtgtc ctttccactg ggccttttggg      60
aggctcacagg gtcttgatgc tgtggtcttg atctgcaggt gtctgacttc cagcaactgc     120
tggcctgtgc caggggtggaa gctgagcact ggagtggagt tttcctgtgg agaggagcca     180
tgccatagagt gggatgggccc attgttcata ttctggcccc tgttgtctgc atgtaacctta     240
ataccacgac caggcatggg ggaagattg gaggaagtt gagtgagagg atcaacttct     300
ctgacaacct aggccagtgt gtggtgatgc caggcatgcc cttccccagc atcaggtctc     360

```


cagagctgca	gaagacgacg	gccgaacttg	atcacactct	tgtgagtgtc	cccagtgttg	420
cggaggtgag	aggagagtag	acagtgagtg	ggagtggcgt	cgcccctagg	gctctactgg	480
accagcgtct	cctgtctcct	ggagaggctt	cgatgcccct	ccacaccctc	ttgatcttcc	540
ctgtgatgtc	atctggagcc	ctgctgcttg	cgggtggccta	taaagcctcc	tggtctggct	600
ccaaggcctg	gcagagtctt	tcccagggaa	agctacaagc	agcaaacagt	ccgcatgggt	660
catccccctc	actcccagct	cagagcccag	gccagggggc	cccaagaaag	gctctggctg	720
gagaacctct	gcatgaaggc	tgtcaaccag	tccataggca	agcctggctg	cctccagctg	780
ggtggacaga	cgggctggag	aaggggagaa	gaggaaagga	agttgcctgc	catgtctcct	840
acctgaggct	gaggaaggag	aaggagatgc	actgttggag	agacagctgt	aactcaaagc	900
cttagcctct	gttcccacga	aggcagggcc	atcaggcacc	aaagagattc	tgccagcata	960
gtgctcctgg	accagtgata	cacaccggcc				990

<210> 4227

<211> 972

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (941)...(296)

<223> similar to gi3954938 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4227		
tttttttttt	gatgttttag aactttaatt atgaaaaagg gataaacaat tcaagatggg 60	
ggaaccagcc	ccaaactggg ctggggcaga gagagaccag tccccagcca tacaatagca 120	
gcaaggggaa	gaccccaccc cacagatgct ctgcccagc cttcccaga gaccttaaata 180	
aatttaaata	gcagggatgg cggagggcag gttgcctttg gtgtctgccc aatgctaaga 240	
tgaggggcag	cgccggccca gcctcagcct cgggcagggc tctggggctg ctgcagggct 300	
gggaggtatt	tgagggcagc agcccatgg tggcgggaca agtcctgggtg gaattcgtcc 360	
ttgagggcct	ggaggcagtc acgatagggtg gggctggagc ggaagcggga gatgtccagg 420	
cttggagcgt	ggggcagatg gatggtgaag gcctcgggca gcaccaggag ctcatattcc 480	
tgggcatcca	gctccacaat gtgggccact ttgttcagc cgaagccac aaagcgagga 540	
tcatagcggg	gacagtctcg tggcaccacc acgtagggtt catagttaggc cgcccattgc 600	
acacggtacg	gggcctgagc ctcccgccag cgggcatagt ctgtgggtgc gtggcctcgg 660	
ggccactcgt	ggtacctgaa ggtgtagaga gtgccgcct ccagcaaggc caacagctcc 720	
accttggaat	gggggaagct gaagcggtag cgcagggtct caaatgccgg caccaccagt 780	
gctgccttgc	gccggctgcc cagccccagc tgctcaatgg aggcctgag gtagtcgtag 840	
agagaatagg	caggcaggaa gtcaatgtca ctgaggaaga cgtaaggcgt gagggcctgg 900	
gccaaggcca	cgttgcgaag ctggttgacg gggatatagg ggctggctgg ggcacacaaa 960	
gagcctcgtg	cc	972

<210> 4228

<211> 2671

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (15)...(1099)
 <223> similar to gi4689328 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 4228
cccacgcgtc cgctttgact ccagtcgtgt gtatgctgtc tgcaattgcc ttttcaaagt 60
tttttgagca ctatttgggg gatgacatga aaagggaaaa tccacctgtg gaggacagca 120
gtgatgagga tgacaaaaga aaccaaggaa atttgtatga taaggcaggt aaagtgagga 180
aacatgcaac tgaacaggaa aaaactgaag agggattagg ccctaataa aaaagcattg 240
tcaccatggt gatgctgatg ctattgatga tgtttgctgt cactgtacc tgggtcacaa 300
gcaatgccta ctctagtcca agtgtagtcc tggcctcata caatcatgat ggcaccagga 360
atatcttaga tgattttaga gaagcttact tttggctaag gcaaaatata gatgaacatg 420
cacgagtaat gtcttggtgg gattatggct atcagatagc tggaatggct aatagaacta 480
cgttggtgga taataacacc tgggaataaca gccacatagc actggtggga aaagctatgt 540
cttctaataa aacagcagcc tataaaatca tgaggactct agatgtagat tatgttttgg 600
ttatttttgg aggggttatt ggctattctg gtgatgatat caacaaattt ctctggatgg 660
ttaggatagc tgaaggagaa catcccaaag acattcggga aagtgactat tttacccac 720
agggagaatt ccgtgtagac aaagcaggat cccctacttt gttgaattgc cttatgtata 780
aaatgtcata ctacagattt ggagaaatgc agctggattt tegtacaccc ccaggttttg 840
accgaacacg taatgctgag attggaaata aggacattaa attcaaacat ttggaagaag 900
cctttacatc agaacactgg cttgttagga tatataaagt aaaagcacct gataacaggg 960
agacattaga tcacaaacct cgagtcacca acattttccc aaaacagaag tatttgtcaa 1020
agaagactac caaaaggaag cgtggctaca ttaaaaaataa gctggttttt aagaaaggca 1080
agaaaatatc taagaagact gtttaaattgc actgttctgg ttcctaactt gaagcagttg 1140
tccttgtaga aaccggtctt tgcctttagc tcatgtcgtg tttcacagca aagagggtag 1200
agaacatca ctggtccagg ttaatgtaca aaattttctg gcaatgcctg attaaaaaaa 1260
taaaattggc ttgttgagaa cagctgtttt cgatttctaa tgtgaagcaa gacagagcac 1320
tgctgtaaat gtctagcagc agattttttt tttattggta catattatcc ttcaaactctg 1380
agaatttggc ctaactgcac caaagaacct tctaatttgg tccctggcac atgcatactt 1440
gtcaatgttt ttattctttt acaagacctg cattttattt gaattaccg aatagcaata 1500
tgtaaaatac aagtgacaaa atgtgatgag agcttcttga accggtaaac tagtacaggt 1560
ctgagaaaga catattagaa gaatcattat acttccttga attatattta ttttcatgtt 1620
tctctaatac aaagaatgtt tcatcaaatg tatattttct gttgcttact gtttgcctctg 1680
agaagaagct gctgtttcaa agatggacct ctgagtagct aattgattca agtagttttt 1740
ttatgttgac acattattac tgctgttagc agtcgttttc accaggtact tacagagcag 1800
atttcataca tcattcatte aagggtctaa tttatatttt ttggaaatca tggcaactac 1860
acaggatgtt gcttaccagg acggagtttt ggtatcttag tactgaagtt agcactatgt 1920
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ctgtgactca tcaaagtgaac aaaagacttg taacaacttt gcctggactt ttttcatttt 2040
acaacagttc atccattcac aatgattttg ttctctgtct catatttttt aatcccttaa 2100
gcatttgatg aaacactctt tagtgctata tgcattttct tacttttgtt aaaaatgtga 2160
caattgtcaa aaaatgcact aaaatgtaaa tggagattga acaagttcac tttccagctt 2220
ataggcaact ttatacagac ttgaacattt tctccagttg tttagtaaaa gtgaaagaga 2280
aagggttttt cctgccacag gatataactt ttttttatat aacaagcata acacaccact 2340
gcttttggtg gaaaagtga gaatagtatg taccttttat gaagaaaaat gtaatttaca 2400
atattcagtg agaatgttac tgctgatttt cttttccaag gtgtagaata ttctttgatt 2460
tatagaattc atttttgacc cagatgatgg ttcctttaca gaacaataaa atggctgaac 2520
attttcacaa atagagtgtg acgaagtctg gatttctgat accttgatcat ttgggggatt 2580
ttattttact ttgttgcttt aaaattcaat gcagagaagt tgttgactgt aggggaaata 2640
aagttaatte aaattttgtg tcaaaaaaaaa a 2671
  
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<210> 4229
 <211> 391
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (249)...(313)
 <223> similar to gil81395 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4229

ggcacgagag	cacatcatca	gtaacatcac	tgtcccccca	ttgcaagcag	caaccgtgac	60
tgtaccttcc	tttcccctgc	atggatgtgg	ggtctcattc	attcattatt	cccttccctaa	120
atcatgcagg	gtttgggcag	ggtggcctgc	ggggagcaga	gagaaggcgt	ccattgcccc	180
ttgcactagc	tagagacaca	cccattctgc	ttcttccatt	tacctttctg	cctgggggttt	240
cctttcagat	tccccacctg	aaaaggggac	acattgagga	ctgtgggcac	tggacacaga	300
tggacaagta	aggaggttgg	gggctcctgg	ggtcggggag	agcagggccc	cccgttcacc	360
ttccataaaa	gctttcctgg	tttcattgtg	c			391

<210> 4230
 <211> 1054
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1047)...(965)
 <223> similar to gil418942 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4230

tttttttttt	tgactggata	tcatctttaa	ttaataatgc	cacagcccaa	tgtctttttt	60
gttgctgtag	caaattgtga	ttgtgtgtgc	gtgtgtgagt	gtgtgtgtgt	gtgtgttcct	120
gaacagatga	agggccagca	gagactccca	agcaggtctc	agccaacaac	tctgttgagc	180
agcaactgga	agatagtctc	catagaggca	cagaggccag	acttctgcct	cctatgggca	240
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cccagattaa	aggacttcta	agcacaggtc	agcctccagt	tcccagtact	cactggcctc	360
tgaccagagg	gatgccttgg	gtagagtata	gacttccagg	cagagggtga	taacctgcgc	420
tggccttggg	cccatgtcat	actggggcag	caccacaatg	gcccagccct	ggcagaaaat	480
ccagagctac	tggagccact	tgattgatta	ctttcagaga	taatcaggat	gtagcaaagg	540
ccttttttgg	ggccagctgg	agaaggccag	actcagcttg	tggggggccac	aggaagtgtg	600
ctccaaccca	aacttaaaag	cctgccctct	tgccatctcc	attctccaat	tcctcaaagt	660

cccagtaggt	ccacagccca	ggcatggcag	catagtgtca	gcgtgacagt	gggttgggaag	720
ataaccatga	gagacctggg	ctgaactgga	cctgcggcca	tatgtcagcc	tgaaaccagc	780
cctttccccc	atggtcaatg	ccagccagag	ctctctgaag	ccggatggga	ccccccacag	840
gcaaggcagc	aagttcttgg	cctagtgcag	agggagaaaa	ccaaactggc	tccactgtcc	900
catctccatc	tgctctgtgc	cttatgaagg	caagaagccc	aagtccccag	gacggcggtg	960
tcagctgttg	gggaagcacc	gttggtccagg	tgaggcctcg	ggccggaagc	tgtgtttggt	1020
cagggggcct	gggtagtaag	tagtcgctcg	tgcc			1054

<210> 4231

<211> 1532

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (209)...(436)

<223> similar to gil389694 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4231						
tttttttttta	acttggcaaa	gaggcttttta	ctggaagttc	aggaaatata	aatgcaaagg	60
caaatggcca	agccagcagt	acgtagtgtg	tgctaattgga	cgaagccata	aggtagccat	120
gatgtggcag	gggagggagg	gaggctgagg	ctggtgggct	ggaagctgcc	tgtgacctcc	180
tcccggcccc	actgtgtccc	tgccccccca	ggtgctgcgg	ctgctcatca	cggcctggga	240
gagaagactc	atcttcacta	tcggcacgtc	caacaccacg	ggcgagtccg	acaccgtggt	300
gtggaacgag	atccaccaca	agaccgagtt	tggatccaac	ctcacgggcc	acggctaccc	360
ggacgctagc	tacctagaca	acgtgctggc	tgagctcaca	gcccagggcg	tatccgaggc	420
tgacgccaag	gcttgaggcc	caaggctgcc	caccttccct	cctgctttgc	ccctgggtccg	480
gcaaatgcct	ccttcgccag	gtgtgtcctg	gtagcccagg	ttcagggctg	gggaggagcc	540
tgcggaaggg	gccgcagcca	ttcaggggac	ctgcctggtg	gcagctggga	tgaagagaga	600
tggcatgtca	ggctggcccc	gaatcatagc	tccctgagag	ggccaagcag	agagtactgg	660
aaacctccct	acaaaaaaga	cagagaccgg	ccccctcaca	cacaaacaca	catgtcctgt	720
tgaactcatg	cacgcacacc	cacgtgcctg	tacttgcccc	caggctggaa	gagaagagac	780
agaaagacct	catgaccccc	ccatgtggat	ccccatctgt	gtctcagttg	catctgtaca	840
gccttgctctg	caaaactggag	gatgcggggc	aagcccttag	gggcctgcca	gggctcgggg	900
ggcaaagagg	gactcgggaa	actcagtgtg	ccccagatgc	ctcaccatt	ccgtgtcatc	960
acccatgtct	gccaccact	gattgggcaa	ttgtgggccc	atgggggtgga	agccccaga	1020
tgactgagca	gttctacaaa	aaatggccag	cacgagcggg	gactagaggg	tcctgatttt	1080
gtgtctgtgc	ctcttcactc	ctctggactc	tgatctcctt	ctcccttccc	atctccaggc	1140
cttctgtctg	tcccagataa	aggcgtgtgt	ctcccatcct	ccctacccca	tcctctccac	1200
caaatcgctc	ccaattttga	gagccaaagg	ctggcgcttc	tgacttcagg	agcgaaagga	1260
ggaggcctag	tttgggccga	tgtattttta	agcagagtgg	acagcagaga	gtcaatttcc	1320
ctttcgtttg	gagtgggcag	tggggtggct	aattgtcttc	ggccaaccca	ggggcctggt	1380
gcccaggcaa	ctcaccagct	ccgcctctgc	tgattggctg	ccacgggtggg	agtcagccaa	1440
gattttaaag	gatgccagcg	attgctcttt	tcaaaacctg	ccagtcccac	tgtgggtgga	1500
gaaataaatg	gtcttttctcc	tcaaaaaaaaa	aa			1532

<210> 4232
 <211> 3109
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (14)...(2619)
 <223> similar to gi940536 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4232
 ggtggtggaa ttcggtactc cgagcactat gtcgtccccg gcgtcgaccc cgagccgcgcg 60
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 atctccctct cagagacgta gaggcgagga ttccacctcc acgggggagt tgcagccgat 180
 gccaacctcg cctggagtgg acctgcagag ccctgctgcg caggacgtgc tgttttccag 240
 ccctcccaa atgcattctt cagctatccc tcttgacttt gatgttagtt caccactgac 300
 atacggcact cccagctctc gggtagaggg aaccccaaga agtgggtgta ggggcacacc 360
 tgtgagacag aggcctgacc tgggctctgc acagaagggc ctgcaagtgg atctgcagtc 420
 tgacggggca gcagcagaag atatagtggc aagtgcagcag tctctaggcc aaaaacttgt 480
 gatctgggga acagatgtaa atgtggcagc atgcaaagaa aactttcaga gattttcttca 540
 gcgttttatt gaccctctgg ctaaagaaga agaaaatggt ggcatagata ttactgaacc 600
 tctatacatg caacgacttg gggagattaa tgttattggg gagccatttt taaatgtgaa 660
 ctgtgaacac atcaaatcat ttgacaaaaa tttgtacaga caactcatct cttaccacaca 720
 ggaagttatt ccaacttttg acatggctgt caatgaaatc ttctttgacc gttaccctga 780
 ctcaatctta gaacatcaga ttcaagtaag accattcaac gcattgaaga ctaagaatat 840
 gagaaacctg aatccagaag acattgacca gctcatcacc atcagcggca tgggtgatcag 900
 gacatcccag ctgattcccc agatgcagga ggccttcttc cagtgccaaag tgtgtgcccc 960
 cagcaccggg gtggagatgg accgcggccg cattgcagag cccagtgtgt gcgggcgctg 1020
 ccacaccacc cacagcatgg cactcatcca caaccgctcc ctcttctctg acaagcagat 1080
 gatcaagctt caggagtctc cggaagacat gcctgcaggg cagacaccac acacagttat 1140
 cctgtttgct cacaatgatc tcgttgacaa ggtccagcct ggggacagag tgaatgttac 1200
 aggcattctat cgagctgtgc ctattcgagt caatccaaga gtgagtaatg tgaagtctgt 1260
 ctacaaaacc cacattgatg tcattcatta tcggaaaacg gatgcaaaac gtctgcatgg 1320
 ccttgatgaa gaagcagaac agaaactttt ttcagagaaa cgtgtggaat tgcttaagga 1380
 actttccagg aaaccagaca tttatgagag gcttgcttca gccttggtc caagcattta 1440
 tgaacatgaa gatataaaga agggaatttt gcttcagctc tttggcggga caaggaagga 1500
 ttttagtcac actggaaggg gcaaatttct ggctgagatc aacatcttgc tgtgtggcga 1560
 ccctggtacc agcaagtccc agctgctgca gtacgtgtac aacctcgtcc ccaggggcca 1620
 gtacacgtct ggggaagggt ccagtgcagt tggcctcact gcgtacgtaa tgaaagaccc 1680
 tgagacaagg cagctggtcc tgcagacagg tgctcttgte ctgagtgaac acggcatctg 1740
 ctgtatcgat gagttcgaca agatgaatga aagtacaaga tcggtattgc atgaagtcac 1800
 ggaacagcag actctgtcca ttgcaaaggc tgggatcctc tgtcagctca atgcgcgcac 1860
 ctctgtcctg gcagcagcaa atcccattga gtctcagtgg aatcctaaaa aaacaacacat 1920
 tgaaaacatc cagctgcctc atactttatt atcaaggttt gatttgatct tctcatgct 1980
 ggaccctcag gacgaagcct atgacaggct tctggctcac cacctggctg cactgtacta 2040
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 tgccctacgg cagcagacca tcatgccggc gctaagtgag gaagccagcc aggcctcat 2160
 cgaggcttat gtagacatga ggaagattgg cagtagccgg ggaatggttt ctgcataccc 2220
 tcgacagcta gagtcattaa tccgcttagc agaagcccat gctaaagtaa gattgtctaa 2280
 caaagttgaa gccattgatg tggaagaggc caaacgcctc catcggaag ctctgaagca 2340
 gtctgcaact gatccccgga ctggcatcgt ggacatatct attcttacta cggggatgag 2400
 tgccacctct cgtaaaccgga aagaagaatt agctgaagca ttgaaaaagc ttattttatc 2460

taagggcaaa	acaccagctc	taaaatacca	gcaacttttt	gaagatattc	ggggacaatc	2520
tgacatagca	attactaaag	atatgtttga	agaagcactg	cgtagccctg	cagatgatga	2580
tttcctgaca	gtgactggga	agaccgtgcg	cttgctctga	agccttgatg	gcaaggaagg	2640
ctccctgcat	gtcctgcttg	ctgcacgcc	catgggtgtg	gtctgcatct	cagttggccg	2700
ccatcagtgt	aaatagagct	taaagtcatg	gtttggctgc	ataaaaaatt	tctaacttgg	2760
gttcaatatt	tgtagtgaag	tatctgtttt	catttttttc	acgttataaa	taaaaatact	2820
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gtggatcatg	aggtcaggag	ttcaagacca	gcctagccaa	gatggtgaaa	ccccgtctct	2940
agtaaagata	acaaaaaatt	agctgggctt	gatggcatgc	gcctgtaatc	ccagctactc	3000
gggaggttga	ggcaggagaa	tcgcttaaac	ccaggcggca	gaggttgacg	tgagccaaga	3060
tcgcgccact	gcactccagc	ctcagcaata	gagtgagact	gtctcaaaa		3109

<210> 4233

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(208)

<223> similar to gil770466 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4233

gaaaaaaaaatg	atgttttctga	gaataatcgg	aaaagggaag	aaataccact	ggatttttaaa	60
accatagacg	atcacaaaaac	caaggaaaac	aaacagtcac	ttaaagaaag	gagaaacacc	120
agagacgaaa	cggatacttg	ggcatacatt	gctgcagaag	gtgatcagga	ggtttttagac	180
agcgtgtgcc	aagcagatga	gaattcagat	ggcaggcagc	agattctgag	tttgggcatg	240
gacctgcagt	tggaatggat	gaagttggaa	gattttccaa	agcaccttga	tgggaaagat	300
gagaattttg	ctgcaacaga	tgcaattcca	agtaatgtgt	taagggatgc	tgtgaaaaat	360
ggggattata	ttactgtaaa	agttgcactt	aattcaaagt	aagaatataa	cctggaccaa	420
gaggattcca	gtggaatgac	actggtgatg	cttgccgccc	ccggagggca	ggacgacctc	480
ctgcgactcc	tcatcacaaa	aggcgcgaaa	gtgaacggtc	ggcagaagaa	cgggaccacc	540
gccctcattc	atgctgcaga	gaagaacttt	ttaacaacag	tggctattct	tttgggaagca	600
ggagcttttg	taaatgtcca	gcaaagcaat	ggtgagactg	cactgatgaa	ggcctgtaaa	660
agaggaaatt	cagacatcgt	acgactcgta	attgaatgtg	gagctgactg	caatattttg	720
tcaaagcacc	agaatagtgc	cctgcacttt	gcgaagcagt	ctaacaatgt	gcttgtgtac	780
gac						783

<210> 4234

<211> 349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(161)

<223> similar to gil871136 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4234

ggcacgaggc	cttctggaga	agagcagaga	tacacatgcc	atgtacagca	tgaggggctg	60
ccgaagccgg	tcaccctgag	atgggagccg	tcttcccagt	ccaccgtccc	catcgtgggc	120
attgttgctg	gectegetgt	cctcgccctt	ctcttcttgg	aaccccgctc	gtcgttgact	180
tcgtggctgg	agatgttccc	taggccgata	tcaccgctaa	tggtgtaatg	gtgtagttaa	240
cgcccctgaa	ctccctcttg	ccttgactaa	aaattctgga	gctatcattg	tcattttcag	300
acgtatgcta	cgcccagctc	tgcttttgca	ccttattcct	tggtggtag		349

<210> 4235

<211> 3076

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3077)...(457)

<223> similar to gi5262605 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4235

tttttttttg	gggttatacg	gaccatttaa	tgctttttcc	actcacatgg	tttcaacttt	60
gggcttattt	gccaaaatct	aggatggaaa	agtccagtta	tgaacatgtt	cctcccggct	120
ggattttgat	cttgaagaca	ctaaacccaa	tttcagagca	tatttaatcc	tgggctattg	180
ctgaggccga	cttagaagag	acaaagttag	atgcgaaaga	ggagaatttt	tatgatagtt	240
tgtacgttac	aaatacccaa	gaaactattt	tctttacacc	attattgcca	tgactttttg	300
tggacagttt	cacataactg	taaagtccag	gctgctcggg	tctgaccctt	acagacctgc	360
catgttgaag	cccagctttt	tcgctcccg	acaggttaaga	agctgctgat	cttctgcaga	420
cccgccatgt	tggggcccag	ctccccacgc	caagtcagaa	gctgctcatc	ttctgcaaca	480
gggtttggcg	ccgttcttca	gggccgatgc	cctcagcaat	ggactttaag	aagcactgct	540
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gctgcactc	ctgagggctg	caccaaggca	tgacttgac	cagggccacc	agaaagcctt	1080
tgctgaacag	tctgacctcc	tcaggattgc	ccagctccac	caccaagaga	gacagcatcc	1140
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ccccgtaccc	tgggtggggc	tgggaggtcc	actcgtcttc	tgaaagctta	cagatctcaa	1260
aaagtgtggc	tggcacttca	cacttgaagt	gcccctcgaa	gaagctcttc	agcctcaggc	1320
ccacagtcca	gtctagctgt	tctaacttgc	ggtggagcca	ggacaggggc	ttgatccaga	1380

catccgggga	gaaggtctca	gcattggctg	atacaatctc	acacaggagc	tccaggatat	1440
ggatcgctag	atccttccta	tccaaagaga	ggcaccgctt	ctccttggga	agctgccagt	1500
atcttgctgaa	gcggtccaag	agctggcaca	agctgaagag	gagtggaaac	ggggagcagg	1560
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cggtttcttt	gaggcatgac	accatgaaag	tggcagatga	attgggaccc	tgcctctcca	1860
caaacctaag	ggcaggaag	gcagtgagaa	tctggcccag	gaacttgttg	gtgccgagat	1920
tgaccacagc	caggctgcac	atcttcttca	cctgacttcc	cgggtgcact	atgaccaggc	1980
gggccacgga	ggccacagct	tttgccaagc	cctgttcgga	ggcactctga	gtgagctggt	2040
taaaagtgtg	attgaggtct	tcctgaaaac	cctccacata	agccagcaac	tttccagaga	2100
ggccctttcg	ccccaggaa	cgcaggatac	ctgcaaggac	tttattttta	cctggcaggg	2160
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tggccagttt	gtccagatac	acggttgcag	acacctcctg	ggggtcgtec	tctgtcagcg	2880
caaacacagt	cagcatgtca	gccaggtttg	ccagcgcaca	gcacttcctc	cccgggccc	2940
ggatccgact	ctggatctgt	gtcagcccgc	ggagcagcat	ggccaacagg	ggcatggtgg	3000
ggcacgcgtc	tgggtctgac	ctaagcctct	ttggaggatg	ggggaactca	tctaaggcag	3060
gcaggtactt	atgggc					3076

<210> 4236

<211> 1171

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(955)

<223> similar to gi3063517 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4236

ctcaaccgca	agactcctgg	gatagttttc	ctctttttcca	actgcttaat	aatttcctcc	60
gaaatgacac	acttttgtgt	aatggaaaat	ttcacaacaa	cttgcaagaa	atctttgtac	120
ccttggttgt	ccgctatgtg	gatctcatgg	agtcttccat	cgcccagtc	attcacagag	180
gttttgagca	ggagacatgg	cagcctgtca	agaatatcgc	caacagtctt	cccaatgtag	240
ctcttccaaa	agttccaagt	ctgcctctta	atcttccaca	gattcctaac	atttctactg	300
cttcgtggat	gccttcttta	tatgagtcca	ccaatggctc	agcaacatca	gaagaccttt	360
tttggaagct	tgatgcactg	caaagtgttg	tctttgatct	gcactggcca	gaacaggaat	420
ttgcccacca	cttagagcaa	agacttaaac	taatggccag	tgatatgcta	gaggcctgtg	480

tcaaaagaac	aagaactgca	tttgaactca	agctacaaaa	ggcaagcaaa	acaactgact	540
tgcgcattcc	agcttccgtt	tgactatgt	ttaatgtatt	agtcgatgcc	aaaaagcaaa	600
gcaccaaact	ctgtgccctg	gatggaggac	aagagtttgg	tagtcaatgg	caacagtacc	660
attcaaaaat	agatgatctg	atcgacaaca	gtgtaaaaga	aatcatttca	ctgttagttt	720
caaagtttgt	ttcagtgttg	gaaggcgtgt	tgtctaagct	gtcaagggtat	gatgaaggca	780
ctttcttttc	atccattctg	tcattcactg	tgaaagcagc	tgcaaaatat	gttgatgttc	840
caaaaccagg	aatggatctg	gcagacacct	atattatgtt	tgttcggcaa	aaccaagata	900
ttcttcgaga	aaaggtcaat	gaggaaatgt	atatagaaaa	gttatttgat	caatggtaca	960
gcagttccat	gaaagtcatt	tgctgtgtgt	tgactgatag	attagacctc	caactccata	1020
tttaccagct	gaagacgctc	atcaagattg	tgaagaaaaac	ctacagggac	tttcgattgc	1080
aggggtgtgt	ggaaggaaca	ctgagcagtg	ggacttatga	tactgcgcac	agacgtttaa	1140
caggaaagga	gggcacagcc	tctgtttcaa	c			1171

<210> 4237

<211> 1116

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(156)

<223> similar to gi4512103 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4237

aaaaatcaga	agggaaacgag	aaaagtgaag	atgctgaagt	tttggatgcc	acaccttctg	60
gtattatgaa	gacagataac	acagaagttc	ttctctctgc	tgacttcact	ggagcaatca	120
aagtgtttgt	taataaaaga	aaaaatgtat	cttaatttga	aatggcattt	aaaataaaca	180
tatcagtaag	tttctatatg	tatcaaaact	gaaaaaatag	tgttccaggc	taacatactt	240
ttttaatttt	tattgaaagt	tgttcaaata	taatataatt	tttgagaggc	agtggttaatg	300
atctaggaaa	ccctgggctg	atagagtaga	aaggaatatg	gctagaataa	cattgccaaa	360
cattaggctt	tatgttttgt	tatgttttgt	ttttcgttgt	ataattatga	acatgcacaa	420
gtttctgcat	gaaaagatat	taatataatta	atcacatgta	tgtgcctttt	ggttacatgc	480
attaaatcta	acagagttaa	attatttcag	tggctctttt	ggcctcttac	taggggggat	540
agtcttgttt	ctagcttaaa	caattttttt	tttgcacaaa	atttcatttt	taataaaagt	600
ggtatctttt	gactgagtta	ttgttttgaa	aatggtatat	aggtttccag	taggtcaaca	660
accatatgta	aatggttttt	ataaatttct	caattggggg	acaagatttt	tttgtggtct	720
aaattgtggg	gcttaagatt	cttttcttta	tatgtgtaca	tataattttt	ttttctttgc	780
cacactggag	cacaatgttt	ctatgtaaag	aattattttc	attctttatc	catgagcacc	840
aggctttgct	cacttaaaaa	aaaattaagc	cacattaagg	agtgagtctt	cttttttaca	900
ataatgtaaa	aattaaactg	tttacatttt	tttaaagcat	tgtagttttt	aaaaattaag	960
ctgttttgtt	ttgtgttgtt	gaatttgaaa	gcctttgtaa	atatcaatat	aatgtaccaa	1020
tgaataaaca	tctggggcaa	tgaaccctg	atcatgttgt	tgatgggttag	catatgtttc	1080
tgaaaattaa	atatgtatta	ttaaaagttg	gtctcc			1116

<210> 4238

<211> 1016
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (658)...(362)
 <223> similar to gi505104 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4238

tttttttttta	acataacacc	agtgtttatt	ggaagcacia	gcttctttta	ttttaaacia	60
aacaaaacca	aaaacaaaa	accaatgagg	ctaccaaaca	ggcatcttta	tttgtaaaca	120
gcttaacact	gaaaataaaa	ataagactat	gaaagaacia	tacactctcc	attcttctag	180
aatcagaact	tagcatgtca	ttatgactta	agagtcacga	gagatgcacc	actgaagaag	240
tgtattgtca	acctttcatg	ctcaatttag	ctagtctctt	tgacaaatta	accttacaga	300
ataccacaca	aaatgggtgat	tcctcaactc	atattagctc	aaattccata	cacaaacaca	360
cctcctcttc	ttcatcagtg	ctcttccttg	atggcacatt	agaagcactt	tttgtctcct	420
cccctaaagt	agaagcatca	ccattagaag	cctgggttcc	ttgttctgct	tcccactcct	480
gcaatacctc	ctctaagtta	aaccgacgcc	tgtagtttac	aaagaagttc	ttcacttggc	540
caacagtctt	gttgccaatt	acatctgcaa	tagcttgaaa	atctttacca	tatttgcgga	600
caccttgcac	tgctagaagc	tgctcctctg	tggtccaacg	ggcattaatt	ttctgatttg	660
actacaaaat	taaagagaag	tttcctaatt	aggatatgaa	gacagacatt	ttccaaagcg	720
cttatttttt	taaattttca	tcaaatacaca	gacatgagat	tactacaact	ctgattcatg	780
aagattccat	ttttagaaaag	attaaaaata	tatattctga	gttacctttt	acccatgcag	840
aaagataatg	aaaggggaaat	gtaccaattt	gcaagaagga	gcaacattcg	catttatgct	900
ctaattaccg	atatcgcccc	atgagaaaag	ctattagttt	cacatttccc	aaaagggttt	960
cactgtgtag	cagcactggt	ctcgctttcc	tgccgtaagc	tcggcgaaac	tcccc	1016

<210> 4239
 <211> 843
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (334)...(460)
 <223> similar to gi5679136 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4239

ttttttttttc	aaggtaatta	acctagatat	ttatttgtat	cactgctgtg	tgactgtcaa	60
gtatttgtca	ttagtttgta	cacacacca	gccctactct	caaataagac	aaagagatga	120
atatactgca	agtgtgtgta	caccatgggg	aagggctgga	ggtgtgtgag	cactatagga	180
cctataggca	gcctgtaatt	gtcatcacct	atggacagag	ggattaagaa	ctctgtaatc	240
accaagatcc	ccagaattgt	taacaacttg	tcttccagat	agttttcatc	aaagatgcta	300
ttatttcagt	ctccttcttt	tacttttttag	gtgggtccgag	acattctgct	gattggacat	360

agacaggctt	ttgcatgggt	tgatgagtgg	tatgacatga	caatggatga	agtccgagaa	420
tttgaacgag	ccactcagga	agccaccaac	aagaaaatcg	gcattttccc	acctgcaatt	480
tctatctcca	gcatccccct	gctgccttct	tccgtccgca	gtgcgccttc	tagtgctcca	540
tccacccctc	tctccacaga	cgcacccgaa	tttctgtccg	ttcccaaaga	tcggccccgg	600
aaaaagtctg	ccccagaaac	tctcacactt	ccagaccctg	agaaaaaagc	caccctgaat	660
ttacccggca	tggcactctt	cagataaggc	catgtcggcc	caaactctgag	taactttata	720
taaatatctc	atggggggtt	tatatatttc	tttggtgttg	ttgttttttt	ttaaggaatc	780
ttctgatagg	ggaaaaagac	tgctttgtca	ttcaaacatg	ttccttcgac	cttaaaaaaa	840
aaa						843

<210> 4240
 <211> 2736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2737)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1)...(1657)
 <223> similar to gi2204213 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4240						
ctcacaaaat	gggatctctt	tggttaattgc	tacagattat	tgaagactgg	aattgaacat	60
ggagccatgc	cagaacaggt	agtcgtgcaa	gcactgcagt	gttcccatta	ttcgattctt	120
tggcagttgg	tgaaaattac	tgatggctct	ccttccaaag	aggatttggt	ggtattgagg	180
aaaacggtga	aatccttttt	ggctgtttgc	cagcagtgcc	tgtctaattg	taatactcca	240
gtgaaagaac	aggctttcat	gttactctgt	gatcttctga	tgattttcag	ccaccaatta	300
atgacaggtg	gcagagaggg	ccttcagcct	ttgggtgttca	atccagatac	tggactccaa	360
tctgaactcc	tcagttttgt	gatggatcac	gtttttattg	accaagacga	ggagaaccag	420
agcatggagg	gtgatgaaga	agatgaagct	aataaaaattg	aggccttaca	taaaagaagg	480
aatctacttg	ctgctttcag	caaacttatc	atztatgaca	ttgttgacat	gcatgcagct	540
gcagacatct	tcaaacacta	catgaagtat	tacaatgact	atggtgatat	tattaaggaa	600
acactgagta	aaaccaggca	gattgataaa	attcagtggt	ccaagactct	cattctcagt	660
ttgcaacagt	tatttaatga	acttgttcaa	gagcaaggtc	ccaacctaga	taggacatct	720
gcccattgtca	gtggcattaa	agaactggca	cgtcgctttg	cccttacatt	tggattggac	780
cagattaaga	cacgagaagc	agttgccaca	cttcacaagg	atggcataga	gtttgcattt	840
aaataccaaa	atcagaaagg	acaagagtat	ccacctccta	atctggcttt	tcttgaagta	900
ctaagtgaat	tttcttctaa	acttcttcga	caggacaaaa	agacagttca	ttcataccta	960
gagaaaattcc	ttaccgagca	gatgatggaa	aggagggagg	atgtatggct	tccactcatc	1020
tcctatagaa	attcattagt	cactgggggt	gaagatgata	gaatgtctgt	gaacagtgga	1080
agtagcagca	gcaaaacctc	atcagtaagg	aataagaaag	gacgacctcc	acttcataaa	1140
aaacgagtag	aagatgagag	tctggataac	acatggctaa	acaggactga	caccatgatt	1200
cagactcctg	gccccctgcc	agcaccacaa	ctcacatcca	ctgtactgcg	ggagaacagt	1260
cggcccatgg	gagaccagat	tcaagaacct	gagtctgaac	atggttctga	accagacttt	1320
ttacacaatc	ctcagatgca	gatctcttgg	ttaggccagc	cgaagttaga	agacttaaat	1380

cggaaggaca	gaacaggaat	gaactacatg	aaagtgagaa	ctggagtgag	gcatgctgtt	1440
cggggtctaa	tggaggaaga	tgctgagccc	atctttgaag	atgtgatgat	gtcatcccga	1500
agccagttag	aagatatgaa	tgaagaattt	gaggacacca	tggttattga	tctgcctcca	1560
tcaagaaatc	ggcgagagag	agctgagcta	aggccagact	tctttgactc	tgcagctatc	1620
atagaagatg	attcaggatt	tggaatgcct	atgttctgaa	gtctgaagaa	aatttacaaa	1680
tctggaactc	tattatttag	agctagaggc	ctatatactg	tgatagcttg	tatggggaaa	1740
aacacttttg	atgtgatctg	atttgttttt	taatcaaattg	attaaggtca	atcccttttt	1800
gcagtgcag	aagaggagca	tgtaaattac	ccaagggaa	gttggtgaat	gtcaactcag	1860
aaagactgac	ctgaaaatca	tttgtgtcct	actattggac	ttatcccaat	acagatgtgt	1920
gtgtttttct	ggaggaggga	agaaatttta	aatttttaaa	acagctgtca	agataaacac	1980
tggtatacac	ctgttttatg	aaaactcaac	attgagtaaa	aaaaaacata	tttttaactt	2040
tattttcctg	ttgtacaatt	taaaaaccgt	tttaacattt	tgctttttta	tgtttttaaaa	2100
gctaaccatt	tttattaaac	ctatgaggta	aggcaggctc	atcctaattg	cgaagagtgt	2160
tttgggagtt	cactggggat	ttgggttgga	cctttgtggg	ggacnacaaa	taatgaagga	2220
gcagaacatt	gacaagctaa	gatggaaatt	ccctgaccat	aggtaccatc	ctcctgccc	2280
aaaaccacac	caccctctg	tggatatgga	tatgaattcc	ccccagattt	tatanacctc	2340
cttgaataaa	aggtttattt	ttattttata	gtgggcataa	aataagaaat	gtccatgcag	2400
ccatttttcc	aacagatgct	gtacaccgtt	cattttatat	agactaggga	gattcaaata	2460
cagtgcattt	tctattggta	tttgttctgt	gcatttttag	caacttctac	cagcaaataa	2520
agtattctca	gtaaaacgaa	aatgattctc	aagttatcag	tttgcgtgtt	ttaccctact	2580
atttcatgcc	ctgccaaatt	caagttacac	agacttccat	tttcttaaga	taatcaatca	2640
tgaagaaatc	ctttatcaat	cattcaaaag	taattttaag	tgtaacataa	ctgtgattac	2700
ttcccatgca	cttaataccc	ttatgcgcta	attttg			2736

<210> 4241

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(421)

<223> similar to gi3413860 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4241

gtccaagga	tcattacatc	aaaatgtttg	atgttacaca	aggagctctt	gggactgcga	60
gtcccaccca	caattttgaa	ccccctcatt	atgatggcat	agaagcacta	accattcaag	120
gggataacct	athtagtggg	tctagagata	atggaatcaa	gaaatgggac	ttaaactcaa	180
aagaccttct	tcagcaagtt	ccaaatgcac	ataaggattg	ggtctgtgcc	ctgggagtgg	240
tgccagacca	cccagttttg	ctcagtggct	gcagaggggg	cattttgaaa	gtctggaaca	300
tggatacttt	tatgccagtg	ggagagatga	agggtcatga	tagtcctatc	aatgccatat	360
gtgttaattc	caccacatt	tttactgcag	ctgatgatcg	aactgtgaga	atttgaagg	420
ctcgcaattt	gcaagatggt	cagatctctg	acacaggaga	tctgggggaa	gatattgcca	480
gtaattaaac	atgaatgaag	ataggttgta	aactgaatgc	tgtgataata	ctctgtattc	540
tttatggaaa	atgttgtcct	gtacttacta	ggcaaaacgt	atgaatcgga	ttaaactggaa	600
aatatatctg	aattcaactg	ctgactataa	atggtattct	aataaaattg	tgtactatcc	660
tgtgtgctta	gttttaagat	caaccaatag	atatatatcc	tacaattgat	atattgcttt	720
attcacactt	ttattgtggc	tgaatttttg	tgccatctca	taaaacacac	tttcaaatta	780
tttgaattac	caagacgtct	gcttttgt				808

<210> 4242
 <211> 2006
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1770)
 <223> similar to gi5689375 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4242

ccagtcacagg	ctgtgaatgt	tgggcagttg	ctggccgtaa	atgccgagga	ggacgcctgg	60
ttacggggcac	aggtcatctc	aacagaagag	aacaaaataa	aggtatgcta	tgttgactat	120
ggtttttagtg	aaaatgttga	aaaaagcaaa	gcatacaa	taaaccgaa	gttttgttca	180
ctctcatttc	aagctacaaa	atgtaagctt	gcaggcttgg	aagtcctaag	cgatgaccct	240
gatctagtga	aggtggttga	atctttaact	tgtggaaga	tctttgcagt	ggaaatactt	300
gacaaagctg	acattccact	tgttgttctg	tacgatacct	caggagaaga	tgatatcaat	360
atcaatgcc	cctgcttgaa	ggctatatgt	gacaagtcac	tagaggttca	cctgcagggt	420
gacgccatgt	acacaaatgt	caaagtaact	aatatttgct	ctgatgggac	actctactgc	480
caggtgcctt	gtaagggctc	gaacaagctc	agtgaccttc	tacgtaagat	agaggactac	540
ttccattgca	agcacatgac	ctctgagtgc	tttgtttcat	tacccttctg	tgggaaaatc	600
tgctctctcc	attgcaaagg	aaaatgggta	cgagtagaga	tcacaaatgt	tcacagcagc	660
cgggctcttg	atgttcagtt	cctggactct	ggcactgtga	catctgtaa	agtgtcagag	720
ctcagggaaa	ttccacctcg	gtttctacaa	gaaatgattg	caataccacc	tcaggccatt	780
aagtgtctgt	tagcagatct	tcacaaatct	attggcatgt	ggacaccaga	tgcatgtctg	840
tgggtaagag	attctgtttt	gaattgctcg	gactgtagca	ttaagggtac	aaaagtggat	900
gaaaccagag	ggatcgca	tgtttattta	tttaccctta	agaacttccc	tgacctcat	960
cgcagtatta	atcgccagat	tacaaatgca	gacttgtgga	agcatcagaa	ggatgtgttt	1020
ttgagtgcc	tatccagtgg	agctgactct	cccaacagca	aaaatggcaa	catgcccattg	1080
tcgggcaaca	ctggagagaa	tttcagaaag	aacctcacag	atgtcatcaa	aaagtccattg	1140
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ccaggggaac	acatggatgt	gtatgtgcct	gtggcctgtc	acccaggcta	cttcgtcatc	1260
cagccttggc	aggagataca	taagttggaa	gttctgatgg	aagagatgat	tctatattac	1320
agcgtgtctg	aagagcgcca	catagcagtg	gagaaagacc	aagtgtatgc	tgcaaaagtg	1380
gaaaataagt	ggcacagggt	gcttttataa	ggaatcctga	ccaatggact	ggtatctgtg	1440
tatgagctgg	attatggcaa	acacgaatta	gtcaacataa	gaaaagtaca	gcccctagtg	1500
gacatgttcc	gaaagctgcc	cttccaagca	gtcacagctc	aacttgcagg	agtgaagtgc	1560
aaccagtgg	ctgaggaggc	ttctatgggt	tttcgaaatc	atgtggagaa	gaaacctctg	1620
gtggcactgg	tgacagacgt	cattgaaaat	gctaaccctt	gggaccggaa	agtagtggtc	1680
tacttagtgg	acacatcggt	gccagacacc	gatacctgga	ttcatgattt	tatgtcagag	1740
tatctgatag	agctttcaaa	agttaattaa	tgactgcctc	tgaaaccttg	acaactaatt	1800
cagatttttt	agcaataaca	aaatgtagta	ggcttaaaaa	aaatcttaac	tctgtacat	1860
ggctctgact	gctgtggggg	attgaaaaga	atatgcttat	gtttgatgaa	agatatttaa	1920
caagttttgt	tttaacagag	ttgacttttc	aaagaaaatt	gtacttgaat	tattactata	1980
atattagaat	aaaaatgttt	atcaat				2006

<210> 4243
 <211> 2008
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1987)...(1692)
 <223> similar to gi5668703 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 4243
ttttttttttt ttcacaacaa agaccacgcc atttattttac aaaggccagt gtgggagctg      60
ggggaggcag ggagggaaaag ccacacagac atcttctctg gactgcttgg gaccctttcc      120
cacttggagc aaactctgtt cctcttgccg tcatattctc agccatgggg tcggtcctcc      180
aagcagctgg gccaagtagg agaggggaaga ggtgatatga gcctcctctg tgctctgaca      240
gagaaatgtc caattccaga tcaaaggcat cattgccacc ctctcctctc ctctcctcaa      300
gaaaaactttc tggcctggag ggaaatagtt aagaactgaa aggccagggg gtctggagga      360
aaaaaacctt ctactattcc cacaaggcag tgaggggtga taagggtgct agtcacagcc      420
ctgacagctt cagaaagggt acccacatta cctctgggtt acccagcatc cagagcccca      480
agggacctag ctctcccga tatatattcc tgcaatggac tgaccttttt acccacttgt      540
ctctgggtgg gggagagcac tctgaaccag aaaccaacaa ggaatcctct tcccacccaa      600
cttaagagtg tatgcacaca tgtggataca catgcacctc cccactactc acacagaccc      660
caacccccct catgtctttt gaggggggct caaactactg gtgcctgggg acacaagcaa      720
gacctgggtc catggaaatg tgtgtgtgtg tgcatataag cacatatgct tgaggaaacta      780
aagccaatat gacccttgtt ggggcgtggc gcttagcttc attgggctcc ttttttcagt      840
ttaaattcca ttagcatctc taagtctctt ctgccagctc gggcctggat tcttctgcct      900
aaaagagcta tgagtgtctc cgctccccac tgttaattcc aacttccaag ccttttactc      960
aggctgtctc cccattccc ttctccgaa taatctcatt cctcctctt tcacacgaat     1020
ttctctggg ctgctccagc gtttgtaat tcctgtccag agagctgtct catctccctc     1080
ttcagacagg gagaacaggc atcttctctc ttaccctgga atttccaaca gttcccacca     1140
aaaagtgtct aatgaaccag aataggggccc gagaaggaaa attaccacct gtttcacctg     1200
ctcctccttc agagcaagaa attctagcat tgggtgggct aggggttggg gggtagggag     1260
aaaaagaagg aagagagtta ccaaaagtaa acataagaca aaaccctagt ggtatagatg     1320
gaagactatg ttccagtaaa ccagagagct ggttctctcc tcgactctgc acagccactg     1380
aaagtttaaa gattgcaaaa gtggtgtggg gcaaggaggt agagtcaatc aatgaaactg     1440
tgaaaactgt ttaagtagca ctgctcaagg agaccaggag agaagagtct gttagagacg     1500
tagcagtaaa accataattc tcagacagag ctaaggggtt ggagcccatg cctctaaagt     1560
caccctgctg tttggaaagg atgagggaga agacggaagg gaggacaagc tgcagagggt     1620
aaggattgac agaagaaccg aatgctgaca tcgaggaggg ggagaggcag gaggcattggg     1680
ccgagggatt aggagagctg ggagcccagc agtctctcga tagctgcgtt gatgtccctt     1740
cctgtggcaa tcagggcctg caggttagcc tcacgattga tgaagcccat ggagttgagc     1800
tgctccagct gctgctgaaa tctcattctt ggcgtctgca cctgtgagtt tccacttcca     1860
gccaaaagct ggatcatctg ctgcatgagt tgctgctggg cgctggaagc ccctgttgga     1920
gaagatgtgg ctggcgtggc tggtaggaa gtgggggcct cggacgtaga ccctgcgttg     1980
ctgcctgctg aggggtgctg ggtccggg

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<210> 4244

<211> 2091
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (80)...(1682)
 <223> similar to gi505033' in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4244

gacataattg	acctgcagta	ccgttcgga	ttcccgggcc	gatccgcatg	tcccgcgcga	60
cccacgcgtc	cgggctgcca	tctgccgcct	cctcagcatc	cggcaccgcc	aggagctgtc	120
cctgctccgg	gctcctgaga	agaaggagaa	gaagaagaaa	gagaaggagc	cagaggaaga	180
gctctatgac	ttgagcaagg	ttgtcttggc	tggggcgctg	gcacctgcac	tggtccgggg	240
gatgccagct	cacttctcgg	acagcgccca	gactgaggcc	tgctaccaca	tgctgagccg	300
gccccagccg	ccacccgacc	ccctcctgct	ccagcgtctg	ccacggccca	gctccctgtc	360
agacaagacc	cagctccaca	gcaggtggct	ggactcgtcg	cgggtgtctca	tcgagcaggg	420
catcaaggcc	ggggacgcac	tctggctgcg	cttcaagtac	tacagcttct	tcgatttgga	480
tccaagaca	gaccccgctc	ggctgacaca	gctgtatgag	caggcccggg	gggacctgct	540
gctggaggag	attgactgca	ccgaggagga	gatgatgggt	tttgccgccc	tcgagtacca	600
catcaacaag	ctgtcccaga	gcggggaggt	gggggagccg	gctggcacag	acccagggct	660
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caagggctgt	gaggtggttc	ccgatgttaa	cgtctccggc	cagaagttct	gcattaaact	960
cctagtgtccc	tcccctgagg	gcatgagtga	gatctacctg	cgggtgccagg	atgagcagca	1020
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cagctacacc	agcaggtgac	aggccatcct	ggccttcctc	agcctgcagc	gcacgggcag	1140
tggggggccc	ggcaaccacc	cccacggccc	tgatgcctct	gccgagggcc	tcaaccctta	1200
cggcctcggt	gccccccggt	tccagcgaaa	gttcaaggcc	aagcagctca	ccccacggat	1260
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ggacatccgg	caggtggcca	tcgagtttga	tgaacacatc	aatgtggcct	tcagctgcgt	1560
gtctgccagc	tgccgaattg	tacacgagta	tatcgggggc	tacattttcc	tgctgacgcg	1620
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tgggcatttc	acctgctgtc	actgactttg	tgcaggccaa	ggacctggca	gggcccagag	1860
ctgtaccatc	acccaggcca	gggatggggg	tgggggtccc	tgagctcatg	tggtgcccc	1920
tttccttgtc	tgagtggctg	aggctgatac	ccctgacctc	tctgcagtcc	cccagcacac	1980
aaggaagacc	agatgtagct	acaggatgat	gaaacatggg	ttcaaacgag	ttctttcttg	2040
ttacttttta	aaattttctt	tttataaatt	aatattttat	tgttggtatc	t	2091

<210> 4245
 <211> 1298
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1249)...(590)

<223> similar to gi1065896 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4245

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agctttttcta	taaaatccta	tgaaattaaa	attaaatcgt	cttattttta	aaaatgcaaa	180
agaagccaga	cagtagactt	aacaaccatg	aagcaggacc	cacttccctc	tgaaccaagg	240
atttcctatg	ctttctagat	atcccttcag	gaaaagggcc	ttctctaaat	taactggaac	300
aattcggaat	accaagaagt	aggtagagag	caggaatgtg	agcagatcat	cgaatatatg	360
tttttactcc	atggtgacta	aaatgaagtc	catagatagg	agcagggtgaa	gaagaaaaca	420
acacaatctc	ctgatgtaca	gttgctactg	acccagagca	gtctgctgct	gtgattctct	480
ctgcctgtga	cctgagggtc	agttgcttca	ttagatgcaa	tggaaataaa	actgaacggg	540
atctcaagaa	aaatttttaa	atggaaggta	cacctcaata	gtttttactt	ttggtgaagt	600
catatggttt	ccaccactga	gcaaaactga	gtgctttttt	cctctgatcc	tcaaagcttt	660
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aagagagatc	tatcaacttc	ttgttcattg	accactcttc	atcagattcc	attatggctt	900
tcttaaaata	gatgggagcc	atgtcaccca	cttcttggtg	aagaggaata	cattcataaa	960
ccatgtgata	ctgtttcttc	atgtcatat	tagtttccaa	aaaaatgcag	tctaattcctt	1020
tatcttcaaa	catctttacc	aatgattttc	tgaacatctg	gatctcctcc	cagatgtcct	1080
catccaacaa	agtagctgct	ctatggtgct	gcaaagggac	tatcaggcag	tgcccctcag	1140
taagagaccg	tacgttgggt	aaacataaat	aaaccttaac	acctattgca	acaataagat	1200
gcttgggaaa	ttgagagctg	tcaaaacaat	acagacattt	ttccatttgt	gcagcaagac	1260
tccgatgctc	agcaatagct	tttttccttt	ggttctct			1298

<210> 4246

<211> 5885

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(4986)

<223> similar to gi2224597 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4246

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gctaaaaactc	ttaaggaaat	tcggacactt	ttgatggagg	cagaaaatat	ggcactgaaa	180

cgatgcaatt	ttcctgctcc	ccttgcccgt	ttcagagata	ttagtatat	ttcatttata	240
caatctaaga	agggtggtttg	cttcaaagaa	ccctcttcca	cgggtgtatc	taatggtgat	300
ttgcttcaca	gacagccatt	cacagaggaa	agcccaagca	gcaggtgcat	acagaaggat	360
attggcacac	agacgaattt	gaaatgccgg	agaggcattg	aaaattggga	gtttattagt	420
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ttggaatcag	tttctgatgt	tcttctaaac	ttctttccat	atgtttcacc	caagacaagt	720
ataacagata	gcagggagga	agaggggtgtg	tcagagagtg	aggatgggtgg	tggtagcagt	780
gtagattcac	tggctgcaca	tgtgaaaaac	cttctgcaat	gtgaatcctc	actgaatcat	840
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aatatgaagt	tcaatttagc	acatgattgt	ggatactcca	tttcagaatt	aatgaagat	960
gcagggagga	aagtagaaga	gatcaaggca	gagttatttg	gtcatggaag	aacaactgac	1020
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cacattatta	ttgagagcca	tgaaaaggga	tgtttcggga	ctctaacttc	tgaacatcca	1140
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aactttatac	ctgatgaatt	caaaatcagc	aaaggtcttc	gaatgccatt	cgatgaaaag	1380
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actttttcat	ctcaccgaca	ttctaaatgc	atttccaatt	cctctgttgt	taaggttggt	1560
gttactgaag	gtagccagtg	tactggagca	tctgtggggg	tatttaattc	tcattttcact	1620
gaagaacaaa	atcctcccag	agatcttaaa	cagaaaacct	cttccccttc	atcattttaa	1680
atgcatagta	attcacaaga	taaagaagtg	actatttttag	cagaaggtag	aaggcaaagc	1740
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gtagatgacc	aaatgaataa	acaccatttt	ccccttccctc	aaggctcagga	ttgtgtagt	2340
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aaaaaacagc	aagagattca	cagtacaagg	gcagtgactg	aggctgccca	ggctaaagaa	3540
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ggcaccactt	ctactgtcga	atcagatata	ttgacccaaa	cagatagaga	ggtggctctg	4680
cacgaaagga	gtagctctgt	ttccactatt	gacactgccc	ggctgattca	agcttttggc	4740
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cccctagtga	cttctgagca	caccagaagg	agacacatcc	agcctcccac	ctctgccaca	4920
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ccagaatcgc	atgtgccgcg	tgcccaagag	agtcttctctg	gctatcgcag	aagaacaagc	5820
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tacag						5885

<210> 4247

<211> 1886

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (12)...(1358)

<223> similar to gil464742 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 4247
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aggaacagga gctcttcttc ttccatgaac tgagccctgg gagctgcttc ttcctgccac      180
gagggacaag ggtgtataat gcactagtgg cgtttatcag ggctgagtat gcccatcgtg      240
gtttctccga ggtgaaaact cccacactgt tttctacgaa gctctgggaa cagtcagggc      300
actgggagca ttatcaggaa gacatgtttg ccgtgcagcc cccaggctct gacaggcctc      360
ccagctccca gagtgacgat tctaccaggc atatcacaga tacactcgcc ctcaagccta      420
tgaactgccc tgcacactgc ctgatgttcg cccaccggcc cagatcctgg cgggaactgc      480
ccctgcgact agctgacttt ggggctctac accgggccga agcctctggt ggtctggggg      540
gactgaccgg actgcggtgc ttccagcagg atgacgctca catcttctgt acaacagatc      600
agctggaagc agagatccaa agctgtcttg atttccctcg ttccgtctat gccgttcttg      660
gcttctcctt cgcctgggca ctgtccaccc ggccatctgg cttcctgggg gacccttgcc      720
tttgggacca ggccgaacag gtccttaaac aggcctgaa ggaatttgga gaaccctggg      780
acctcaactc tggagatggt gccttctatg gacctaatg tgacgtgcac ctccacgatg      840
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ttgacctcca gtataagggg caggcgggtg ccctggagcg tccagtcttc attcaccgag      960
cagtgtctcg ttctgtggaa agactgttgg gagtgtctgg agaaagctgc ggggggaaat     1020
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aatacgccaa agaggcacag cagagcctgc gggctgcagg actggtcagt gacctggatg     1140
cagactctgg actgaccctc agccggagaa tccgccgggc ccagcttgcc cactacaatt     1200
ttcagtttgt ggttggccag aaagagcaaa gtaagagaac agtgaacatt cggactcgag     1260
ataatcgtcg ccttggggag tgggacttgc ctgaggctgt gcagcgactg gtggagctac     1320
agaacacgag ggtcccaaact gccgaagaaa ttttctgagc ctttgtacat agatgaggca     1380
aaaacctgcy agtgccatca gcctccctca catgggagac cccaaccag ctgacaatgt     1440
ggagcccccga gaacttcaga actgtgtgga ggcacatgtc tgctctcctg aaaagagact     1500
tggtttgggg accccacaaa aggaggggaag ctgtagctgt ttggatgtga ggagaatgaa     1560
actacaaaaa aaaataaatt gggccaggcg cagtggctca tgctgtaat cccagcactc     1620
tgggaggctg aggcggacgg atcatgaggt caggagatca agaccaccct ggctaacacg     1680
gtgaaaccct gtctctacta aaaatacaaa aaattagccg ggcattggtg cacacgcctg     1740
taatcccagc tactcaggag cctgaggcag gagaatcgct tgaaccgggg aggtggaggt     1800
tgacgtgagc tgagattgcg ccaactgcacc cccctatggc gacagatgcg agactctgtc     1860
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```

```

<210> 4248
<211> 663
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(664)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (2)...(131)
<223> similar to gi6002623 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4248
tgtggacaaa gaacatgaca gtgctgaagg aagtcacgtt tcaggacaaa gcaatgggcg      60
agatccacaa gctcttgcca agcctgtcca gattcaccaa gataccttgc gcacaatgta     120
cttcgcttaa atagtccaag tatattctct gagagcaagt actgaaagat gaattgacat     180
acgtcgtatg tttccagtga agtccattga gtaaggacac ctccagccat acagaaacca     240
acactgtgtg ggggccaaagg tctgacccct atgttaatac aagggaagatt gtttacttca     300
tcaaggaaca cagcatcatt atgcaatatg aaaccagcca actgcttttt gtgcggtctc     360
ctataggaag tatcgcaatt gttttgtttt catttcttgt agnctaaccc ttttaatgcc     420
tttacctcaa gttgcttggc agcacaacta tctttgcggn nnnnnnnnnn nnnnnnnnnn     480
nnnnnnnnnn nnncccttta aaaaaaacca attttaacgc ccgggggggg gaaaaaaaaa     540
ttttttttaa gggggcccca aaaataaatt ccggggccgg gttttaaaaa cggggggaag     600
gaaaaaaccc gggggttccc caaattaatg ggtttgaaa aaaaccctt tttcccaggg     660
ggg                                                                 663

```

<210> 4249

<211> 2013

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1345)

<223> similar to gi5262619 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4249
agggccacca cttattatct agcagatcgt cgctatgaca tgctgccttc cgtcctcagt      60
gcagatttgt gttcccttct gggaggcggt gataggtatg ctgtaagcat catgtgggaa     120
ctggataaag cctcttatga aattaagaaa gtgtggtatg gcagaaccat tattcgatca     180
gcatacaaac tggtctatga agcagcccaa gaactactgg atggaaactt aagcgttggt     240
gatgatattc cagaattcaa agacttgggt gagaagagca gacaagcaa gctggaggag     300
ttggtgtggg caattgaaa gctgaccgac atagctcgcc atgtcagagc taaacgagac     360
ggatgtggtg ccctggaact ggaaggggta gaggtttgcg tacagctaga tgacaaaaag     420
aacattcacg acctcatccc caagcagccc ctggaagtcc acgagacagt ggctgaatgc     480
atgatcctgg ccaaccactg ggtcgccaaa aagatctggg agagcttccc tcatcaggcc     540
ttgctgcgcc agcacccctc tccacaccag gagttctttt cagaactccg ggaatgtgct     600
aaagccaaaag gcttcttcat agatacacgg tccaataaaa cactggctga ttctctggat     660
aatgcgaacg acccccacga tcccattgtg aacaggctac tgcgctccat ggccacgcag     720
gccatgtcga atgctctgta cttctccacc ggatcctgtg cggaggagga gttccatcat     780
tacggtcttg cattagataa atataccac tttacttctc caataagaag atattcagat     840
attgtagtac accgcttggt aatggcagcc atttcaaaag ataagaaaat ggaaattaag     900
ggaaatctgt tcagcaacaa agatcttgag gaattatgca gacatatcaa caacgaaaac     960
caagcagcac agcatttcca gaagcagtct actgagctct tccagtgcac gtacttcaaa    1020
gacaaaagacc ctgccaccga ggagcgttgc atatctgacg gagttattta ttcaattaga    1080
acaaatggtg tgcttctatt tataccaagg tttgggatta aagggtgctgc ttatctaaaa    1140
aataaagatg gtttagtcat ctcatgtggc ccagatagct gttctgaatg gaaaccagga    1200
tcccttcaac gatttcaaaa caaaattacc tctactacaa cagatgggga atctgttacg    1260
ttccatttgt ttgacctgtt aaccgtaaga atatccatac aggcctcacg ttgccattct    1320
gatacaatca gacttgaaat aattagtaac aaaccataca agataccaaa tacagaactt    1380

```

attcatcaga	gttccccctt	gctgaagagt	gagttagtga	aagaagtaac	taaatctgtg	1440
gaagaagctc	agcttgccca	agaagtcaaa	gtaaacaatca	ttcaggagga	atatcaagaa	1500
tatcgccaaa	caaaggggaag	gagcctatac	acactttctag	aggagatacg	ggacctagct	1560
ctcctggatg	tttcaaacaa	ttatggaata	tgagaggctc	ttacttcact	aagagctgtc	1620
atatgtgaat	gtttttacagt	cttttcaaac	ttaacattta	atgtgtgtca	ctcagtgtc	1680
tagtcgatca	ggactgggta	gctatttcgc	atatatgtaa	aatgttctca	gccgggcacg	1740
gtggctcacg	cctgtaaccc	cagcactttg	ggaggctgag	gcgggcggat	cacgagggtca	1800
ggagattgag	accatcctgg	ctaacacggt	gaaacccagt	ctctactaaa	aatacaaaaa	1860
ttagcccggc	gtggtggcat	gcgcctgtag	tcccagctac	ttgggaggct	gaagcaggag	1920
aattgcctga	accaggaag	aggagggtgc	agtgaagccga	gatcgcacca	ctgcattcca	1980
gcctgggcaa	cagagcgaga	ctccatctca	aaa			2013

<210> 4250

<211> 1518

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(499)

<223> similar to gill142660 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4250

ggcacgagtg	atcactgggc	tgaccgcttt	gaggacctgc	ccctctat	catgactttc	60
catggacagc	aaagcatcag	gactgtaata	gatacaatgc	aacatgcagt	ctacgtctat	120
gacatttgtc	atgtgatcat	cgacaacctg	cagttcatga	tgggtcacga	gcagctgtcc	180
acagacagga	tcgcagctca	agactacatc	atcggggtct	ttcggaagtt	tgcaacagac	240
aataactgcc	atgtgacact	ggtcattcac	ccccggaaaag	aggatgatga	caaggaactg	300
cagacagcgt	ccatttttgg	ctcagccaaa	gcaagccagg	aagcagacaa	tgttctgac	360
ctgcaggaca	ggaagctggt	aaccggggcca	gggaaacggt	atctgcaggt	gtccaagaac	420
cgctttgatg	gagatgtagg	tgtcttcccg	cttgagttca	acaagaactc	cctcaccttc	480
tccattccac	caaagaacaa	ggcccggctc	aagaagatca	aggatgacac	tggaaccagt	540
gccaaaaagc	cctcttctgg	caaaaagggg	gctacgacac	agaactctga	gatttgctca	600
ggccaggccc	ccactcccga	ccagccagac	acctccaagc	gttcaaagt	aaggccgtgc	660
agagctggtc	actgaaatga	gcctgatagg	ataggctgga	gcataaaaact	ctgcaagggc	720
tcctctatcc	tgtggtcctg	agctgtgtgc	ccttctcagt	ctgagggggc	taacctagag	780
caggtttcca	tagtgagaaa	attcaatgta	gcagactact	gagaaaactac	tgtgttgctc	840
aggctttggt	tgaggctcctg	tatatacagc	actgaaaaga	gagataaagt	ccctgcctgc	900
atgcattctg	gcggaagaga	caagcaagca	atgaacaaat	tagcagaaaa	cctagtttta	960
gtgaaaaatg	ctgtaaagaa	aatagaaatg	cgatagagtg	ctggcaggct	agtgtagata	1020
agtggctctga	aaaggtgtct	ctgagccgag	ggcatgtgag	ctggggccta	aacaactaga	1080
aggagagagc	cagtgtaaca	tccggcggaag	gggaccagag	cagagagaaa	aggaaatcca	1140
agccctgagg	taggaatgag	caggtcagat	tcaaggcagt	gaggtcaggc	cgcatgaacc	1200
tggaggggaa	tcgggggact	catgcgaaac	tccagcctag	gctttcaaag	tcaaagggtg	1260
atacagtggg	taccaagctc	ctctgctccc	agcctagcat	gaggtggcat		1320
gtactagaat	tgaatcctag	gtgcttagcc	ctgcaatatc	agggcctcac	tgggtggagc	1380
tgccctgggc	tgggttgctt	ggcatagag	ccatagaagg	aagctgtcag	cccggattgt	1440
cctgcctatc	ctagtcactg	atgccattgt	gtgcttcctc	aagactgtct	ggagtcagtg	1500
acattttata	gagccttt					1518

<210> 4251
 <211> 1272
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1274)...(920)
 <223> similar to gi3212110 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4251

tttttttttt	ttagggatgc	attttgaata	tttattgtcc	ttgtttttaa	cataatttgc	60
aaattttacat	aattataatg	gctgtgtttg	acaactggct	tgcaacaaaa	ttcttgaaaa	120
ttgaataaatt	ggcccacctg	ggctgggatg	agccagctgg	atcacaccgt	tgccccctca	180
gcctctagga	ggcctcagga	ttatggcgtc	catcttatga	tattggccga	aaggagacag	240
tcttgagggt	gctgcttact	gttgaacttc	cttttggaat	gtatgggaga	aggcagggaa	300
aggaatcttt	aggcagactg	ccatccaggg	actgctattc	tgttcactga	gattcagctg	360
tgaacatctg	ttctttcttc	ctcttctgtc	tactgcatgc	aggcccggaa	gctgagcggt	420
agtcaaaggt	acaggaaggg	aaaagagaag	agggcaaggc	ccatccccc	agaaaggaag	480
ggctctgatg	cagagggagc	aggagctgag	gtggagacgg	ccactgcctc	tctcaccctc	540
tgttccatcc	ctctgctcaa	gaaaaccagg	cttagcagag	tgggacagac	gctttttatt	600
ggtctggctg	gcgtgcctag	tggaaagctc	aggcagagct	tcctatcttg	ccctggctcc	660
catcttcctc	ctcctgggag	ttcatcacac	atcccagag	ggaagagtgt	cctgggcaga	720
ggtggcaggc	aaagccgggt	aaaaactcca	gggctgggaa	gcaaattggg	ctcaggggtga	780
tgcagaaaat	gtgatgttgc	caggccatcc	aaataaagca	tccatcgggg	cagaggagaa	840
gctgtttccc	tgcagacact	cctctgcccc	caccaggaat	gggaggggca	ggaggaagag	900
cttcccagag	aggctcccta	ctgggccctt	cgtgccatca	gcatctccc	gatgttgtcc	960
tcagcttcct	taacgcttcg	ctccaggtag	gactttttct	gttctagtgc	tttaattttt	1020
tcttctgcta	ttttctgctt	ctctaacagc	tgactgtgaa	ttgcttcctt	ggactgaaga	1080
ataaacattc	ttcctacacc	ttcatacatg	ttagtctcat	ctaccaaagt	catgatctct	1140
gtatctgtaa	gatgtgcatg	ctttttcggt	ctgttttagct	gttcaatctg	tatgtctgcg	1200
agcttcacct	tctgttgagt	gtcaataact	ttggcttgaa	gctctgtgaa	ggccttcttc	1260
agctctagat	cc					1272

<210> 4252
 <211> 1492
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1493)...(529)
 <223> similar to gi3873666 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 4252
tttttttttt ttatacccaa catccattga tctttatttg atttgacaaa atctgcattt 60
ttaaaagaca ggtaacaaaa tctgaggtta tactgaatct gacaaattga gttctatagt 120
atctagaata tcatataaga aatatcaact gagggaaaag agaagtacca catgcagatg 180
ctcctggcaa ggggggaact gtatctgcag gtgaggcca gagtgtgcag tgcataagaa 240
aatcctacag aaaatgccgt taacttactt ggatgaaatg ttttccctt gagggggagg 300
aagagggtgt aaagaggggc aggaattcaa aggcataatgc agaattggctt ctccatttca 360
aaatggtaat aaaaatattt aaatcatggc actagggcac ctttgaggaa aagaacatct 420
taaccagagt aggctcattg cataattctt tagtaatatg tacaattttc aagtaattaa 480
gcagacttaa aggataattt tgttttaaca gcagctatct attttcttc tccccctctg 540
gggcttgatc tgtttcagca tcacagggac acttttccac acattttcta gggaaccaac 600
cccttattct tgaaacacct tctataaagg aatcatcaag aattttgtct ccatataacc 660
agtatcgtaa acctcttggt gctaaaatga attccccctt ttgcagctgt attcgaggct 720
cttcgggtgca gggacttggt aagaagggtt tgattccttt attcagaggg cagcaggcac 780
cactataatc ttctattact ttatagcgaa cacttctgac tctcttatct gctttttgtt 840
tcaactgttc tattgttaag ctgtattggt gacagccttc tcttactggc cactcaagtc 900
catctccttc agggaccctt gaccacgtaa atacctgtt aaagtctctc catctacttc 960
ccatatcata tggaaaaaca aagacttcat ctagtgtgata atactgaatt cgatcttttag 1020
ccttctcttc aatccatgac tcaatagaag ttttgtttct gagaattatt ttcattctgga 1080
taaaaaacaa catcccaaca gctatggttg ttcctaaagc taatcccaag gcaaacaagg 1140
tggtagcaaa tgcagctaatt ccaaattggaa caattggaaag aggatctctc cgggctgcac 1200
tcatgtcgat cttcactgtg ttccacccaa aggagagccg atgataaagc tgtgtgtaca 1260
tagtcatcac aaaaatgaaa gcagcatgga tacaaccagc tgggtgctaaa aggagaaaca 1320
gtgtgaacga agcatgattt tggtaaccac aacagttgtt gatccaagga cagtgatggt 1380
ccatcttcat cacacatctg ttacactttc tgcagtgatg tgaacgtggt gccttgtatg 1440
cttggcagac tttacaatac tggagataca tggatcctg agaaattctc gg 1492

```

<210> 4253

<211> 317

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(147)

<223> similar to gi806832 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4253
aactatgcac cggaagtgca ggacagagtc accattacgg cggaccgatc cactgagaacg 60
gcctacatgg agctgagggg cctaacatct gacgacacgg ccgtctatta ctgttctcta 120
ctggatcggg gaagtatgat cttctcagca ggattcagaa aacgttttct attttcataa 180
aaaatgtgtg gacattgcta taaatacttt tcctgagtgg taaacatgtg atactgtctg 240
ggaaagatat tccagggtgtt ggttattttt gaacaagtaa atcttaaag atcataagag 300
aacaggctgt gtttagct
317

```

<210> 4254
 <211> 456
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (459)...(126)
 <223> similar to gi4884162 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4254
 tttttttttt ggtgtttcaa ttgttttatt acaatccaaa agttggggcg ggggttcctg 60
 tgccaccaca caccatccag gatgagaggg tcagaagtca aaggtccaag ctgcaggagg 120
 gtcagcccct gcctggcatg ttgatgtaga ctttgccatc ttcttgggcy gggctgcggc 180
 gtgggcgtgc gcacaggaac accgccccca cgatgagcag cgatgccacc gcatcagcag 240
 ccacgaggcc tgccaggagc ggcagagaga gggacccaca tccggaacaa gagcctgaag 300
 tgccagggta aaaggcaggg agtgatgatc tctctcctgg agtcgtctga gctgcagcca 360
 ctgggagcaa aagcaggaag aggatgtgac ccagatggat catggtggac tggggtctgg 420
 caggggtctg gcagaggact gtggtccaga gaagtc 456

<210> 4255
 <211> 4963
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4964)...(811)
 <223> similar to gi3413914 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4255
 tttttttttt ttgaaaaaga cagaagcagc ttttactata tttacatcca acaaaacttc 60
 gcagggaaca atccttattg cacaggtcag gacctgggtg ggtgaggcat tccccaaggc 120
 ggggcaggca agaaaaatta ggactggagg gggcaccagt tcttcctaag gggagcttga 180
 gactcctcta gctcccagt gctgactttg aaggaaactac aaaccaccgg accatggtgc 240
 cctatttccc ttccctttct cactctccat aagaacctca taagcaaggg ggctgtggct 300
 ccagaataaa taatttataa taaaatacaa acacttaggt agaaaggcat ggagagcctt 360
 gggctccttc agcaacgtca gggaagaggg accattattg gtggagaatg acatccctac 420
 ctccattca gggcaaaggc tcagtagctc tgcattcttc cagttgtttt ttaaaacaaa 480
 aacttctaaa atgaccaggg caatgcagat ctgtgggtac cctggagggg agttcccggg 540
 ataggacaag ggaagaccag agctgtacca actcccccca gatctcccc aacatcagca 600

cgaacaaact	gggtaggttg	gtgatggggg	aatcaggact	tttggtaaca	gtggatccct	660
cttctgttg	tcctcgcttg	gagcctttga	ctgggcaccc	ttcccagcct	gttcccaact	720
ccatgaaggc	aacagggaag	cagtttaact	ctagaatccc	ttcttctca	cttccccacc	780
ctaggctgga	gaggggaagct	taaggtctct	agcattcttg	aggtgctcca	aaacattttc	840
ggcagtcaat	ggccttgga	gtgggcacct	gcgcccgcg	gtgcctcagc	tcctccttgc	900
ccatgctgct	ggccagcttg	ttaaaggcag	acttgacttt	cttatcgaag	gccactatgt	960
ccacgtggtc	cttgcccaga	gcagccattg	tcaggaataa	tatctcacgg	tagattcccc	1020
tctgcaggtg	caggccagtg	ggtggggggc	ctagagtttc	cagcaggagc	cccacagcct	1080
tgtgcacttc	attgagtcca	acatggcgca	gcactgactc	caacagtgcc	aaactaaggg	1140
atgcaggtac	agggcctggc	cataccaccc	gctgggggat	ctggctgtgg	accctccaga	1200
gcacatagag	aggtgggcag	ctattggggg	caggggtcag	tacatcccac	agcagccgta	1260
cctgaacaga	ggctggatca	gggggttagcc	aaggagatgg	ggcctgggag	tgcgaaggcc	1320
catcacagga	ggccagcacc	aggcctggta	gaatactggg	caggcgtagc	cgttggaaat	1380
accacaaaag	gttccagaag	atgatggggg	gggcagaggg	cagttcaggc	aacgccagca	1440
cctcactgcc	ctcgttctct	accagcgact	ccagctcctt	acgcagcacc	aggggggtca	1500
ggtatgccc	tgcccactc	tcaaccgcgc	gggaggctcc	ccccatgtgc	ccgttgca	1560
gctggggctc	atccagagca	aggcagagcc	ttcggtcact	gagcacaggg	ccaggaccac	1620
cagggacagg	agcatctttg	ctgccactgg	caccagcaga	tttggggctg	gggacactgg	1680
gccgggaatc	aagggctctg	acactgagca	ggggcacaaa	ggggcaggcg	cagaaggggc	1740
aggttgtgtt	gaggttagag	tcacaggtg	cccagccagc	catgatttcc	tcatacata	1800
ccagcgaatc	acaggcacgg	cacagggagc	agctggacag	cagaatttcc	agggagggtg	1860
actggaagga	tccaggggtg	tactgaggc	gctctgagga	acggcgaaga	ctcaggttgc	1920
tgagagaaga	ttctgagagg	tcccactcac	tgccagagga	ggctgagctc	tcggaggcag	1980
tggatccagg	gcgctcccgg	gggtgcagaa	gactgtccat	ggggctgcgg	cgggctgggg	2040
gtggcaggtc	aggaggcagc	tcaggtgggg	gaatgcggga	ggcaggggag	tggcgggaag	2100
gagtgagcag	ctgttgagg	cgggcaccca	gccctcgctg	gggggtgcct	gcctcatcct	2160
gtcggccacc	agccttggtg	ccccgcccac	ttagcccttc	cagggcctca	gtggactggg	2220
cactcagggc	tgagcctgag	ccccctgggc	tgcctccagg	gagcggtcc	tcccctgtca	2280
ggctcaggtc	tgagagcctt	ccatcgctgc	agggcacagg	tgatccccgg	ggttccagga	2340
cccccaaggc	ctctatcatg	tgggccacac	cggcctccac	agtgggctgt	gcccctcggg	2400
cactgcccag	gctaccactc	ttcaccaggc	gtccaggggg	tgaggctggg	tctctcagac	2460
ttcgcccagc	ccaagtatgc	tggcgctgaa	gagggcgagt	aggggaaggg	cgtccaaat	2520
agggctctgc	ctgggagctg	cctgcctctt	gatgtgctga	cacctgctcc	tgctgctgct	2580
gctgctgctg	ctgtgttgc	tgtgtgctgt	gctgttgccg	ttctctcaag	ggctggcgga	2640
actgagcagc	ccccaggaca	acattccgga	gcttgggcca	gcgcagacgc	ccacctggtg	2700
tgccagacgg	ccacttgctt	tccaacacag	ccttattgta	gtagccatag	gtgatgggtg	2760
tgggcacaat	gcctgcttga	cggacctcca	gcatgaccgg	cacagacagc	acaggctgcc	2820
catagtgtga	gcagagctgc	atcagtaccc	ggtaacacac	ctcatcaggg	agcaccacct	2880
tgcgctctc	catctggcgc	agcacatggt	aggctgtgtg	cagtgcctgc	actcgggagg	2940
gtgccgaccg	cacataggca	ggcagacaca	ggaaccacag	cccatagcag	tgccccagca	3000
ggcaccgggc	ccacagctca	ggcacagctg	ctgacttctg	tgccatccgc	tgtgcaactt	3060
tcactcctg	tttgggtacg	cgaggagcag	gactgctggg	ggcgctacgg	gaggggcctg	3120
gcacaggcag	ggccccaggt	tgtcttgtaa	gagactcaaa	caactcagcc	cgtagctctg	3180
ggaatccatc	atagcagtac	tggggagtg	attcactgcc	ctctggtaag	gcaggctcct	3240
cgggaggtgt	gataaagaca	gtgagctcac	ttcctgacag	ctcctctagc	tccactaagg	3300
gtgtcggctc	aggcttctcc	tgtctgggtg	ggaccttttc	aacacaagag	tcaaagaatt	3360
caagggcagc	atggcgagca	gagccaaaag	agcactcctc	aatgaactgt	gagaacatct	3420
gtgtgtgcag	cagctgagag	taaagtgtgt	ggctggagcg	ttcccgggat	ttgaggaagc	3480
cctgcaggaa	gaaaagggtg	tcaacatcac	gagctccctc	ggagggggcc	tgggtgagtg	3540
ggcgaggaa	gacccggtag	cccttgagca	gacaggccat	gaagcggagg	aaggctcctt	3600
ggacttcgcy	ctccagccgg	gccttgccgc	cacacactgc	ctcgtagtct	gtcagtagga	3660
actccaggga	tgcttctctc	tcaggctcag	tgtatgtctg	gtccagctgc	tggtagaggt	3720
ttgtcagtg	ggccagcaga	accttgtagg	gtctgcgggg	caggggtccga	ggggagagga	3780
gcttcttttc	ctcagctctg	aagagcgtgt	tggatcaag	gtctacacag	atgacatcag	3840
caggcgggtc	atgcagatca	aagtagctgg	agtggatacc	cacaatgaag	ggcactgggg	3900
cactcagcac	atctgccagc	accagcgggc	acagagggaat	gtaggggcac	tgccagtgca	3960
gtgggaagat	catcgagacg	agggcctcac	agacgctggt	gagcaggtct	ggccgcagcg	4020

agtggactag	cagcttgtgc	tctgtgagca	cagccagcag	cagtgtgata	gccagctcag	4080
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gtgcgggggt	gcccggggcc	tggagggggc	aggtttgctg	agtggctgta	gggtgtcggt	4740
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acgagggggg	gcttgtcacg	gcccctgcgg	tagcagatga	cgggttgagt	tccaccaga	4860
agtcacgac	tgagttccaa	gggggtggcc	ccagcagaag	cctggatgca	tgtgtagccc	4920
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<210> 4256

<211> 1075

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1076)...(223)

<223> similar to gi587146 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4256

tttttttttt	ttaccacaga	cacatgtggt	tcatttttag	ttttgttaaa	aaaaaaattc	60
tgacaaatca	gaaatggggg	ttcaggagtg	gtgggtgatg	aaaagatgga	agccatgggg	120
tgggggctgt	caggggtggg	ggcagtagtg	tctccttcac	ccccaccctg	gtgtcctctc	180
ctgaaggaca	gacggtcaca	ttccaaaatg	ggcgagtctt	ctaccgtgtc	tgttcaatgt	240
aggaggagat	gtctatctca	tcaggcagct	cactaatatt	gacctcaaag	cgatcctgca	300
catcattgag	gatcttggca	tcattctcat	cggacacaaa	tgtgatagcc	aagcccttgg	360
tgccaaaccg	gcctgctctg	gccaccgat	gcaggtaggt	gtcagaatcc	tcaggcatgt	420
cataattaaa	agcaatgttc	accgctcga	tgtccatgcc	tcggccaaat	aggttggtag	480
ccacaagaat	tcgtcggtga	aaatctttta	actgctgata	ccgagaaagc	ctctcctcct	540
ggggcatccc	acggtggatg	gcaatggctg	ggaagtctct	ctccactagt	agctgggcca	600
aggcaatgca	ccgctgcaca	gacttcacaa	agatcaccac	ctggttgaac	tcaaggacat	660
ccagaaggtc	aaagagcttc	cggttcttct	cggtgtcctt	cagtttcacg	tagtactgct	720
gcaaccatg	cagcgtaaac	ttcgctctcat	catccacgaa	gatctccatt	ggatcttgca	780
tgaacttgcg	gcagactgga	cggatctctt	tgctcaaggt	agcactgaac	atcatgacct	840
gcttctcgtg	gggggtcatg	cgaaaaattt	cctggacatc	ccgacgcatg	tcgagctggt	900
caagcatctt	atcacattca	ttcaaaaata	agtgtttaat	gtgtttgagg	ttgaggctct	960
tatttcgagc	cagggctagg	atacggcctg	gagtcaccac	gacgatatgc	gggcagttct	1020
tcttcagcac	ctcttcatcc	ttcttgatag	acagaccacc	aaaaaaaaaca	gcaac	1075

<210> 4257
 <211> 401
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(403)
 <223> similar to gi33325 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4257

ggaaacccca	gcgagcttc	tcttctctct	gctactctgg	ctcccagtct	cagataccac	60
cggagaaatt	gtgttgacgc	agtctccaga	cacctgtct	ttgtctccag	gacaaagagc	120
cacctctcc	tgcagggcca	gtctgagtct	tagcaacgac	tttctagcct	ggtaccagca	180
gaaacctggc	caggctccca	ggctcctcat	ttatggtgca	tccaccaggg	ccactggcat	240
cccagacagg	ttcagtggcc	tcgggtctgg	gacagacttc	actctcacca	tccgcggtct	300
ggagcctgaa	gactctgcag	tatattactg	gcagcaatat	gacagttttt	ggacgttcgg	360
ccaagggacc	aaggtggaaa	tcaaaccaac	tgtggctgcc	c		401

<210> 4258
 <211> 4860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4861)...(2872)
 <223> similar to gi2981198 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4258

tttttttttt	ttaggatgtt	taaagataat	gctttttaat	atttcaaata	tttttttaaa	60
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tttgatacta	ttttggttta	tttatggcta	cttacaagag	tcacagtaat	aatgtccact	180
catcagagtc	tttctttggg	agagccta	gggaccagac	agatgaactg	ttatgcaa	240
gagatggata	aagcaaattc	atgatagtat	gaattataag	ggtttttggt	taatggaa	300
acaacttaaa	aaggatttcc	atatttatcc	ccatcattat	tttggagct	taataccctg	360
ttcaggggtt	gaagagtttg	aatagctcac	acaatcctgt	aaaaatgaca	actggctgcc	420
ctttaataaa	taaagtcatt	gtaaagaatt	acatttacag	agtgaaaagt	gaatacatag	480
catttcaaat	tcaattttgg	aagtactaat	aagtactgac	ccataacaat	atacactagc	540
tatcttttta	actgtccatc	attagcacca	atgaagattc	aataaaatta	cctttattca	600
cacatctcaa	aacaattctg	caaattctta	gtgaagttta	actatagtca	cagaccttaa	660
atattcacat	tgttttctat	gtctactgaa	aataagttca	ctacttttct	ggatattctt	720
tacaaaatct	tattaaaatt	cctggtatta	tcaccccaa	ttatacagta	gcacaaccac	780

cttatgtagt	ttttacatga	tagctctgta	gaggtttcac	atctaaatta	ccaagaaagc	840
ccttcctcc	ctcatcttgc	actcagctta	attctatact	agtccttgga	ttatgtacca	900
ctgtaaaagt	ataactgtat	caaaattacc	atgtttatgg	atacaatatt	atgccataca	960
gagcaacaaa	gttacatata	atgacaaaga	ttactgaagt	tatgcaagac	cagaacaaat	1020
gttaggacat	gctacctagg	cacagtcctt	acaaagaggc	tcctaagtac	cccaagttca	1080
aataacattg	acaaaataat	gaacaattat	ctttaaaaat	tataaagcta	ctggcgaatt	1140
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tacttaatta	caattgtgca	cgtatcagtg	gctttgtaac	aaaaatacac	agaaaaaatt	1260
aagttttcag	ttcaacaaga	ggtcgaatcc	aatcaatctc	aaatatactc	aacaactcaa	1320
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ttaagaçaaa	atctaaacaa	gttaaaatct	aatgcttgat	cagaagtcag	atgactgtgc	1440
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aagccttcag	aaagttaggg	gctatttcag	cagccaatct	ggtcagaacc	tctgaaggca	2040
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ccaatgcttt	ccatcagttg	atacagggat	ctcccaattg	gaccatttgc	aagccaaatg	4260
aatgcataca	catgctatca	ctgttggttt	gtactgaaga	cagaagggtg	taagatgcag	4320
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ggtacatttc	accacatctg	tgtgtgggtg	ttcaatgggtg	atctcaaaac	ctagagtttg	4440
tagcattatg	gtttcaagta	taaccagttc	ttgagtctgt	tgaaggtaag	catcacattt	4500
agtatccagc	agtggctcta	gaggatgaag	acaagcatgt	gctactttga	taacatgttc	4560
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atTTTTgttg	aatttggtga	aagaatgggtg	catataaaaac	ctgtgcatat	aaacaatcgc	4680
agtgtttatt	gtaagctgag	agacattgag	acgtgttccc	atctcctgga	tgagggttggc	4740
cgctgtctgg	cggcacgaga	gctctttatc	cgctccact	ccgcagcggc	ggctcggcgt	4800
gttctccagc	tgttcccgag	taaagaacca	gcgagaagaa	gctccacggc	ccgacgccat	4860

<210> 4259

<211> 1104

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(200)

<223> similar to gi202231 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4259

ggtctctgag	catttctcag	ggatgttcaa	aaggaaagct	tttgtgcact	ggtacaccag	60
cgaagggatg	gacataaacg	aatttgggga	agctgaaaat	aacatccatg	atttggtatc	120
cgagtaccaa	caatttcaag	atgccaaagc	agttctagag	gaagatgaag	aggtcacgga	180
ggaggcgaaa	atggagccag	aagataaggg	acattaactg	tgagagaagc	tgtgccgagg	240
agtcgcttac	agaacagttt	ctcattagat	gagtgtttct	cctgcagcac	tccaaaaccc	300
actctgcact	gcagcacagt	gaatgatatg	cactcaccat	tagcttcgac	acagggactg	360
agggagacag	gtggggagca	gctgacaggc	attagggctt	ttgctgacat	ctactaacct	420
tgaagagttt	gatgttcagt	gcatacttat	taacttaaaa	aaatagcaaa	tttattgtaa	480
agtgtcctcc	tttgtttcca	aaagtgtttg	ccccggcatc	cagactacac	gtgtggattt	540
gcagggagcc	actggagttg	gtgttacatt	tttatacttt	agcagcactg	ataggcaccc	600
tggaatcctc	acttggtatc	cgagggttac	taagactctt	tccttaggtt	ctttcctctg	660
agcaaacact	gactggcatc	ctgctttcca	gtgcctgcc	gcctccagaa	gagccaggtg	720
cctgactagt	acatggggag	ctacagagcc	aagggtcaatg	tgagtcaaca	tccactagaa	780
atatccatgt	tgtgtagacc	tgtgcataca	acatgctaac	tggaagagag	gaaaaaagaa	840
aagccacagt	cctctccaca	aaaataacctg	ggtccaaaca	agaaaaacta	tcagacaagc	900
acaactaatg	aactgctgtc	ttctgatctt	cacttctgaa	ctacacgc	atactcgaca	960
ctgtcaatat	tatcatacta	cacacagtcc	gactatatcc	acacgtctat	acatactcat	1020
ataacaaatt	ctatagacta	cgctaattcta	catactctat	aataatatat	cagtatcata	1080
tttatcacct	atcacttctt	actg				1104

<210> 4260

<211> 386

<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature

<222> (387)...(7)

<223> similar to gil780976 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4260

cactatcaaa	aattatttcc	taatctttgg	caagaatttt	gtctttccac	ttgaagtgg	60
tctttcaaac	cttgcaaatt	ttcttctagt	cccataccag	ggacataacc	cattttatgc	120
attgtatgtt	gactttgagg	gctatataat	tgttctgaaa	ttagaacttg	tgctcccat	180
tggttgaata	aatctcttcc	ccataaatat	ataggtacag	aagttataat	tggttgaata	240
gccccagggt	gtccatcggt	cccttcacaa	tgcaaaatat	aactactttg	atatactaca	300
gggactttac	caagtccaac	tatgttaaat	tgagcgggtt	gaactgggca	cgtggatggc	360
cagtgtctga	tagaaatgat	tgaaat				386

<210> 4261

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> similar to gi3264846 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4261

ggaaaagcct	ttgggtccaa	atccactctt	gttcgacacc	agagaactca	cacaggagaa	60
aagccatatg	agtgtgggtga	atgtgggaaa	ttattcagac	aaagcttcag	ccttgttgta	120
caccagagaa	ttcacactac	agcaaggcct	tatgagtgtg	gccagtgtgg	gaaatcattt	180
agcctaaagt	gtggcctcat	tcagcaccag	ttaattcaca	gtggagctag	gccctttgag	240
tgtgatgagt	gcggaaaatc	ctttagccaa	agaaccaccc	tcaataaaca	ccacaaagtt	300
cacactgcag	aaaggcctta	tgtatgtggg	gaatgtggga	aagcttttat	gttcaaactt	360
aaacttggtt	ggcaccagag	aactcacact	ggagaaaggc	cttttgagtg	cagtgaatgt	420
gggaaatttt	ttagacaaag	ctataccctc	gttgaacacc	agaaaattca	cactggatta	480
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caccaagtgg	ttcacacagg	agaaaaggcca	tatgagtgtg	gcaaagtgtg	gaagtccttt	600
acacaacact	ctggcctcat	tctccaccga	aaatctcaca	ctgtggagag	gcctcgtgac	660
agcagcaaat	gtgggaaaacc	ctacagccca	agatctaaca	ttgtttaact	cttgaaactc	720
caaacctgag	aaaagcctta	gacctgcagg	gaatgtgcca	tgtctttctt	cagtgttatg	780

<210> 4262
 <211> 1073
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(129)
 <223> similar to gi5901478 in the genepept database release 114,
 Run with FASTXY 3.3t00; default parameters

<400> 4262

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agaaacagag	aggtgaagg	ggcactggga	aggttgcttc	tggggaagag	agagctagga	180
aaggagtaaa	ggcatctcca	cctgacttca	cctccatcca	gggccactgg	cagcatctgg	240
aacggctgaa	ttccagctga	tattagccca	cgactcccaa	cttgcccttt	tctggacttt	300
tgtgaggctg	tttcagttct	gacattatgt	gtttttgttg	ttgctcttaa	aattgagacg	360
gggtctcact	ctgtcaccta	gggtggagtg	cagtgggtgcc	accatagctc	cttcgactat	420
tgggcttaag	cgatcctccc	ccacctcagc	cttccaagta	actgggacta	caggtgtgca	480
tactggcag	tgggaattgt	ggcttttctg	tcttctatgg	agacggggtc	ttgcctgtgt	540
tgccccaggc	tgggtcccaa	ccccctggcc	tcatgtgatc	ctcctgccat	ggcctcctaa	600
agttctggga	ttacaagtgt	gagtcactgt	gactggccaa	cattatgtga	tttatgtgtg	660
aacctatata	acacaaatca	tcccccaaaa	ccccatcctg	gatctgtaaa	gcagctgcca	720
agaatgaag	tgagagaaac	agttgtaaag	atgagtttcc	cacctactt	ataccagag	780
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tctccacgtg	gtcccaagt	cctctctgtt	tagggccatc	aatcatgga	atgcagcaca	960
gtttgatatt	ttctatattc	ccaattccta	cccaaaccct	ttcatgaaat	cgtagagttt	1020
gttttacct	ttatctggtg	taagattctg	cataaaccaa	gaagtgaacc	tgt	1073

<210> 4263
 <211> 2262
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (40)...(1936)
 <223> similar to gi193573 in the genepept database release 114,
 Run with FASTXY 3.3t00; default parameters

<400> 4263

cgcgctgacg	atttcgtagc	tctaacacca	gctcgagcac	ccagcccagt	gccggctcca	60
gccccggagc	cagagccagc	tccaacacca	gctccaggtt	cagagctaga	agtagctcca	120
gcaccagctc	cggagctcca	gcaggctcca	gagccagctg	tgggactaga	atcggctcca	180

gcgccagctc	tggaactaga	gccagctcca	gaacaggatc	cagctccctc	acaaactcta	240
gagctggagc	cagctccagc	accagttcca	tcattacagc	cttcttgccc	ttcacctgtg	300
gttgacagag	acgggctgag	tgaggagaag	cctcacctct	tggtgttccc	tccagatctg	360
gtggcagagc	agttttacact	gatggatgcg	gaactgttca	agaagggtgg	gccctaccac	420
tgcctgggct	ccatctggtc	ccagcgggac	aagaagggca	aggagcacct	ggcgccacc	480
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gccagggagt	gccggatcct	caagaacttc	tcgtcactgt	atgccatcct	ctctgccctg	660
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ggtcagggtg	aaactggggc	tcccgtggaa	ccaactcgct	tgccttaagg	tggccttctg	2160
gctctctgga	accagaggac	tagctgactt	tttggcaaa	gaagcagtg	caacgggaat	2220
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<210> 4264

<211> 2442

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(775)

<223> similar to gi599683 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4264

ggcacgaggt	ctattgaaat	aaaagcccgg	gttacctaca	tagactatga	aggacgctct	60
gatgggggatt	ccattaaaaa	aatcattaat	cagatgaaac	cacgacagtt	gatcatcgtc	120

catggccac	cagaggccag	tcaagatctg	gcagagtgt	gtcgcgcctt	tgggtggaaa	180
gatattaaag	tgtacatgcc	aaagctacat	gaaacagttg	atgccactag	tgaaactcac	240
atctaccagg	tgagggttaa	agactcactt	gtcagctctc	ttcagttttg	taaggcaaaa	300
gatgctgaat	tagcttggat	agatggtgtc	ttagatatga	gagtttccaa	agtggacaca	360
ggggttattt	tagaagaagg	agaactaaag	gatgatggag	aagactcaga	gatgcaagtg	420
gaagctccct	cagattctag	cgttatagca	caacaaaagg	ccatgaaaag	tctgttcgga	480
gatgatgaaa	aagaaacagg	tgaagaaagt	gagatcattc	ctactttgga	acccttgcca	540
cctcatgagg	ttcctggaca	tcagtcagtt	tttatgaatg	aaccaaggct	gtcagacttc	600
aagcaagttc	tcttacggga	ggggattcaa	gctgaatttg	taggaggtgt	acttgtttgc	660
aacaatcaag	tagcagtcgg	cagaacggaa	actggacgca	ttggattaga	aggctgcctt	720
tgtaagatt	tttataggat	aagagacctt	ttatatgaac	aatatgccat	tgtataaagg	780
acatgatgtc	aagaagtatc	tgcttgacct	ttctaagaaa	aagggtattc	tatcttactc	840
tgagcttttg	atgttttgtt	ttgtaacata	caaaaagaat	ctgccagaaa	aacttacatg	900
tatcagattt	ttaaaaatat	aaatagagaa	cattttgcaa	atgctcaa	gagcattcta	960
tcttttggct	ttcagagtga	tagagctcct	aacagggtga	caggcccaag	agttgaaggt	1020
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tgcaacttag	caaaccaatt	tatggcctta	gagaaacatt	tttgcattag	ttcttacaaa	1140
ctgtttgtta	tattttctgg	aatgataagt	gagaattatt	tagaaaagac	atgctccaaa	1200
aaaaaaacaa	aactgataaa	acagtttttc	gaaacttact	tttaaaagca	tacgtgctat	1260
gactctctcc	agtttgaata	tgcaattggt	ttcacaggca	ggatgtctgt	tttctgcctg	1320
tattttccag	ggatttactc	tagggtaagg	tagtacacat	ttggttcaga	aattaatttt	1380
tattttctct	atatcttggt	ttatcaagat	tttggtgtgg	catttcaatg	taaattataa	1440
caccatcatt	tgagtataca	taattcaaaa	gaactacttg	atgcagtata	gtcttaaggg	1500
ttctgcatac	atttttagaaa	catcttagcc	gtaagttagg	tcctgtgtta	aactgttttag	1560
tgctctgttt	ttaagaaaac	aaatgttgaa	cctcacactt	ttatgtgggt	acagtgtaat	1620
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gcagtgggtg	gatttttatac	acattactac	taaaataata	ctgaagttgg	ataaggttat	1740
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ttcaagagta	aaaacaatat	atgcaatttt	tcatttgaac	tttaaagagt	gaaaaccatg	1860
taaactattg	aaactattgt	aatccattaa	tgcittttta	gaatggcaga	ccttgatgtt	1920
tattttctca	atgggtgaagc	cctcttcttt	actcttaatt	tttttttgag	acagagtcac	1980
ccaggctgga	gtgcagaggt	gagatttttg	ctcactataa	cctcttcctc	cagggttcaa	2040
gtgattctcc	cacctcagcc	tccaagtag	ctgggactac	gggcacatgc	cactgcacct	2100
gggctaattt	ttatattttt	ggtagagaca	gggtttcacc	atgttggtgca	ggctgggtctc	2160
aaactcctga	cctcaagcga	tccaccacc	taggcctccc	aaagtgtgtg	gattacaggc	2220
atgaatcacc	acaactagcc	tacccttaga	tttttgggaag	gatcgatctt	atttaactat	2280
gtgtggaaca	accagtaaat	atcagactcg	aattactatt	tcattctatt	tcaaagtctt	2340
ataaagctac	tattgtagat	tatagtgtta	atgcaaagtt	tacagacttt	tgatatggaa	2400
aaccagataa	acacaacaat	gttacaaaag	gcaaaaaaaa	aa		2442

<210> 4265

<211> 931

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (25)...(293)

<223> similar to gi4803931 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4265

```

ggcacgagga agccagttta caaacatccg ctggtctttg ttttgctggc tgtacttgtg      60
ctttcagtaa ctacacagat taactatctc aacaaggcac tggacacctt taatacctct      120
cttgtgacac ccatttatta tgtattcttc acatccatgg tagtgacttg ctctgccatc      180
ttattccaag agtggatatg catgacagct ggagatatca ttgggaccct gagtggattc      240
ttcaactatta tcattggcat ctcccttcta catgctttta aaaatactga cttacttgg      300
agtgaactta catccactgc taagaaagaa gccgtctctc tgaatgtcaa tgaaaacaat      360
tatgttttac tagagaactt ggagtgttca gccccaggat acaatgatga cgttaccttg      420
tttagtagaa ctgatgactg aagtctctag aaacactgag ttttaaccaa tatgagacac      480
acgaagagga aatgaatgc ttgcttcttg gaagaactgc taggaaagt agcatttttg      540
cagttctaac taatttagat gtgaggccaa gtaaaaatgc catttttttg gccattgaat      600
ttgaaaatca aattgattat cctccagaat ctctacaaac tttgaaatac tctctaagga      660
tcaaagaagt caaagagcta tgttgtctc agaataatct ccttcttctg gtcacagtat      720
ctttgtctct gccagggtggc tcttcatttc tttggtagct atttttagac cttacagtca      780
ttcaccaata tacagttagc agtgttctga tagacacagt atcagtcata ttctccgttg      840
gagtcataat ttcaaaactca acaagatttc agaaaggat aatcatggta atttctcata      900
ttaaactgg agaagagagg ccaggcatgg t                                     931

```

<210> 4266

<211> 1159

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(770)

<223> similar to gi886940 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4266

```

ggcacgagga gattcggacc tcgccgcac cggaagaat cagtgatgct tcggacagtc      60
aatcctagca cggggggcct ccccttccag tccctcatgg ttgcagacct aggcgatgtg      120
aatgtcaatc tttacaacct tcaggacagc tgccggcaaa ttcaagaggc ctatgagaaa      180
attgtagcag ctggtgtgat tcctctgacc ttgggtggag atcacacaat cacatatccc      240
atattgcaag cgatggcaaa aaagcatggc ccagtggggc tgctgcacgt ggatgcgcac      300
acggacacga ctgacaaggc cctaggagag aagctctacc acggggcgcc cttccgcccg      360
tgtgtggatg aggttctcct ggactgtaag cgtgtggtgc agattggcat cgggggctct      420
tccacgacct tggatcccta cagatacaac cggagccagg gcttccgggt agtcctggct      480
gaagactgct ggatgaagtc actggttcct ctgatggggg aagtcaggca gcagatggga      540
ggcaaaccce tttatatcag ctttgatatt gacgctctgg atcctgccta tgcgccaggg      600
acagggacac ctgaaattgc tggctcact cctagtcagg ctctggagat catcaggggg      660
tggtcaaggc tgaacgtgat gggctgtgat cttgtcgaag tttcaccacc gtatgatctt      720
tctgggaaca cagccctgct ggcggtctaac ctgctgtttg agatgctatg tgctctcccc      780
aaagtgacaa cgtctgagt cttgtgctct tcaagacaaa acagattgct tcgctgacaa      840
gttctcaaga agaacttat agtaagcagt ctgagaacta aagagtttat gccaaagaaa      900
ctttctgctg aaagtgtcat tgctggctgt gaagtcggga taatcagtag aattctcacc      960
caaacagcaa catttctaag gaacttgat taattggggg aaaaaaaaaa gagtacttgt      1020
actgctttga tttttatttc ctttggtatg aaagatggga gggataaagg ggaagtgagg      1080
agaatttctt tcaagattat ctaaactta gaaacatgac atttaaaaaa actatgaaat      1140

```

aatactgtat aagcattcc

1159

<210> 4267

<211> 1510

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (276)...(985)

<223> similar to gi4426837 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4267

actgtaggaa	ttttgaaagt	gcaaaaggcc	aaccctaaaat	tctaccaaca	aaggtaacct	60
actggcattt	gggtatat	tttctctggg	ccttgctctc	cgcctttatc	tgatgctgca	120
gatgtaattc	tgtgttcgcg	ttgtttgctt	catgttggtg	tatgaacatg	tccccctcaa	180
atctccctgg	gagccttcca	gcgatcagcc	ccctttgact	gtgtggctct	ggccttgggg	240
aagagctgag	ggtctcctgc	cctaacggat	ggtttcaggg	tgtgaaggtc	aaaggcctca	300
tctcatcag	cccccagaac	cctctgggtg	atgtatactc	ccctgaagag	ctacaggagt	360
acctggtatt	tgccaagagg	cacaggctgc	atgtgattgt	ggatgaggtc	tacatgctgt	420
ccgtgtttga	gaagtctgtt	gggtaccgca	gtgtcctaag	cctggaaagg	ctccctgacc	480
cccagaggac	ccatgtgatg	tgggcaacca	gcaaggactt	cgggatgtct	gggctccgct	540
ttggcacgct	gtacacagaa	aaccaggatg	tggccactgc	cgtggcttcc	ctctgccgct	600
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tctgggttga	cttgagaaag	tacctgcca	agggcacctt	tgaggaggaa	atgctgctct	840
ggcgccgctt	tttgacaac	aagggtgctgc	tgtcctttgg	caaggccttc	gagtgtaaag	900
agcctgggtg	gtttcgcttt	gtcttctcag	accagggtcca	ccggctttgc	ctggggatgc	960
agaggggtcca	gcagggtgctt	gcaggcaaat	cccaagtggc	agaagacccc	cgccctcttc	1020
agagccagga	gccaagtgc	caacgcaggt	gagctgggtca	ttgtctcgtg	gccagagggc	1080
ccagcagcca	ctgtggacct	ggggcgttct	ggggctgcag	aagactgact	gtggatgtgc	1140
catttgccag	gaaggatatct	aacttggtct	tgtgcctgaa	gaactgtttc	ttgtctttcg	1200
ctgtagcagt	gggaaactcc	ttaagctgtg	gttcagcctg	ggccctccct	ctctcctatt	1260
aaacaaaact	aggagagtcc	atatgtctcc	attgtgagtt	atttagaatg	gaggagtcgt	1320
gactgcttct	aaccagagcc	tcagccccc	tgaggatgtg	aaaagaaaac	aaacaacttg	1380
taccttcttt	ctgatatac	cgtcattcct	ctttctttgt	caccaaggaa	acgagtcaaa	1440
ggaacagcac	atacaggaga	gtttgtagaa	aaataaaaaa	aagtgataac	ttccaaactc	1500
aaaaaaaaaa						1510

<210> 4268

<211> 2247

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (75)...(288)
 <223> similar to gi6016714 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4268
 atctctcggc tttcctgggc agcagcgact tgacctacgt ctaccagtgg ccctggacgc 60
 tcttgctcct ggctgtcagc ggcttctgta actttgcccc gaatgttatc gccttcagca 120
 tectcaacct cgttagcccg ctgagctact cggctgcccc tgccaccaa agaatcatgg 180
 tcatcacggt gtcctgac atgctgcgca acccagtcac cagcaccaac gtccctgggca 240
 tgatgaccgc catcctgggg gtcttctctc ataacaagac caagtacgat gcaaaccagc 300
 aagccaggaa gcacctctc cccgtcacca cagcagacct gagcagcaag gagcgtcacc 360
 ggagcccact ggagaagccc cacaacggcc tctcttccc ccagcacggg gactatcagt 420
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 cgtacagttt gaaccgctat gatgtgtaga gtccaaagga caggaccaga ctgttggtga 540
 ctcttcccc ggccccaca gcagtatcag aaacttctga caatcagtga atgtacaacc 600
 cagccgaggg gacggggcat aactctccat cagaagccct ggggttctctg gcccccggtg 660
 agccgcagga ggatgcgttg cctgcagtgc agacggccgt gagctctggg caaacctaaa 720
 cagagaccag tgtctcatgc tctttcttcc tggagtctgt catctgaggg ccgtgtccct 780
 gcggagatct tggccacggt gtaccttccc atgtggaatt attccccaag cagtgtagct 840
 cagagcactt gtgtctgcat tccagataac attcaggacc tgtgtgaaaa gctgggggtca 900
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 tggctatccc cttagcagtt cacaagttcc tggcaaagt tccaaagcaa aaagcgattg 1140
 caattagcat ccagttcctg cagcctgggt ctctgccttg cagctcaggg ttggcatcca 1200
 cccagatcca gatggaaggg aaacttctct ctctcctt gctcctctt cctcaccag 1260
 agcagggcgc ttctcttggg gtggtgagaa ggatcttcga gaaatcgtgt tcagtatttc 1320
 aagctctatt tctgtggcac atgtcttttg agaggcatct tcacctctt tgtgatgact 1380
 tggatatgtt tttggtagag agatcttgat tttcggagga tcttgcat tcttagggaa 1440
 tttttgtag ttgtgtgtgt gtgtttttgc cttgggtcccc attatgggat gcattaggac 1500
 tggcctatgc atcgaaaatc tttttgtttg taaacgttta aaaacaaagt tccccggcca 1560
 ggcacagtggt ctcacacctg taatcccaaa gtgctaggat gacaggcatg agccaccgtg 1620
 cccagcctga ttgacaatgg cctcttgaag gctgggtttt cccagccgga cagtgcctgc 1680
 cccacatgct ccactccac gctttcatct gcaggcctgc ctctctctca gccacctcac 1740
 tgetgagctc tgtggtagag aatttcttt acccatcagg gtatggtctg gctggttaata 1800
 ctgactccaa cccagctcct tcattttata gaaggaggca tttctgaatc atgtttgttc 1860
 accatggcga gactcactgc agaattttta accaccttat ttaagtcat tcattctagg 1920
 aacagtcaag cccctaccac aaaggggcca gatccgttca agtgaggaag cacttgcagt 1980
 ttctgaattt tgetgtatat ttgtcctatg tcaccaaca ggccctttgc tatagctggg 2040
 acattaccag accccaatac cttagggctc cacagcctga aggacacaga gcattgaatt 2100
 attaaaagac ctgaaaatat tataatgttt ttcaattgtc acctgttttc aagacttaaa 2160
 tgctatagac ttttctgcag gaatgacgtg tatattctc actggcattt accaaaaata 2220
 aatgatgggt tccagggaat caaaaaa 2247

<210> 4269
 <211> 2012
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1115)...(1573)
 <223> similar to gil431240 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4269
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 gcgcctgatt cctgcgccga agtcagtggt ggccgaaagt ccggagtcgc tgtaaacct 120
 gagattgtga gccatgggtg ggagatcccg gcggcgcgga gcagctaagt gggcagctgt 180
 gcgagccaag gcaggtccca cgctcaccga cgaaaatgga gatgatttag gattgccacc 240
 ctccaccagg gacaccagct actaccaaga tcaggtagat gactttcatg aggcacgatc 300
 ccgggccgcc ttagctaagg gctggaatga agtacagagt ggagacgagg aggatggcga 360
 ggaggaggag gaggagggtc tagccctaga tatggacgat gaggacgacg aagatggagg 420
 gaatgcgggg gaggaggagg aggaggagaa tgccgatgat gatggtggga gctccgtgca 480
 aagtgaagct gaggcctctg tggatcccag tttgtcgtgg ggtcagagga aaaaacttta 540
 ctatgacacg gactatgggt ccaagtcccg aggcgcgagc agtcaacagg aggcagagga 600
 ggaggaaaga gaggaggagg aggaggcaca gatcattcag cggcgccctag cccaagcgct 660
 gcaagaggat gattttggtg tcgcctgggt tgaggccttt gcaaaaccag tgcctcaggt 720
 agatgaggct gagacacggg tcgtgaagga tttggctaaa gtttcagtga aagagaagct 780
 gaaaatggtg cgaaaggaat caccagaact cttggagctg atagaagacc tgaaagtcaa 840
 gttgacagag gttaaggatg agctggagcc attgttagag ttggtggaac aagggatcat 900
 tccacccgga aaaggaagcc aatacttgag gaccaagtac aacctctact tgaattattg 960
 ctcgacatc agtttttatt tgatcctgaa agctaggaga gtcccagcac atggacatcc 1020
 tgtcatagaa aggcttggtt cctaccgaaa tttgatcaac aagctgtccg ttgtggatca 1080
 gaagctgtcc tcagaaattc gtcattctgt gacacttaag gatgatgctg taaagaaaga 1140
 actgattcca aaagcaaaat ccaccaagcc caaaccaaag tctgtttcaa agacttctgc 1200
 tgctgcctgt gctgttacag atctttctga tgattctgat tttgatgaaa aagcaaaact 1260
 gaagtactat aaagaaatag aagacaggca aaagctaaag agaaaagaaag aagaaaatag 1320
 cactgaagaa caggctcttg aagatcaaaa tgcaaaagaga gctattacct atcaaattgc 1380
 taaaaatagg ggacttactc ctaggagaaa gaagattgat cgcaatccca gagtgaaca 1440
 cagagagaag ttcagaagag ccaaaattag aagaagaggc caggttcgtg aagttcgtaa 1500
 agaagagcaa cgttatagtg gtgaattatc tggcattcgt gcaggagtta aaaagagcat 1560
 taagcttaaa tgaagttttt gcttagcata aggttttttg cagttttgga tcaataaatt 1620
 tttactttta actaaagtca ttgtattaat atataatact ttaaatttta aaaattcttg 1680
 tccacaagga aatttgtctg gggtattgga caatttataa gaactatggg agcaatatga 1740
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 attaagtatt agcttaggga aatttcacag ttcattgtgg agtgtaaagc ttagaacatg 1860
 tgtaactttt cacataaaga gaatgcatct ttgacagtta tcttatttgt aaggcagcct 1920
 ataaaatagt tctgaagtat tttatttacc taactataat tattgggcca gatacttggt 1980
 aataaatggg cttaatgtta acatggaaaa aa 2012

<210> 4270
 <211> 4288
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (3)...(1174)

<223> similar to gi5817110 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4270

agtctcattg	gcagaggcgg	gaccgacggt	gtgtgcgga	catggcggag	cgcggcagga	60
agcggccgtg	cggcccggt	gaacacggcc	aaaggattga	gtggcgaaaa	tggaagcaac	120
agaagaaaaga	ggagaaaaaa	aaatggaagg	atctcaagct	gatgaaaaaa	ctggagcggc	180
agcgggcaca	ggaggaacag	gcaaagcgcc	tggaagagga	ggaggcagcg	gcagagaagg	240
aggaccgcgg	gcggccctac	acactgagcg	tagccctgcc	gggtccatc	ctggacaatg	300
ctcagtcgcg	ggagcttcgc	acctacttgg	ccggtcagat	tgccagagcc	tgtgccatct	360
tctgtgtgga	tgagatcgtg	gtgtttgatg	aggaggcca	ggatgccaag	actgtggagg	420
gggaattcac	aggagtggg	aagaaggggc	aggcgtgct	acagctggcc	cggatcctgc	480
agtacctgga	gtgtccacag	tacctgagga	aggcgttctt	ccccagcac	caggatctac	540
agtttgcagg	gctcctgaac	cccctggaca	gccccacca	catgcgtcag	gatgaggaat	600
ccgagttccg	agagggcac	gtggtggatc	ggcccacccg	gccaggccac	ggctcctttg	660
tcaactgtgg	catgaaaaag	gaggtgaaga	ttgacaagaa	cctggagccc	gggttcggg	720
tgactgtgcg	actgaaccag	cagcagcacc	cagactgcaa	gacctaccat	ggcaaagtgg	780
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cttctgcct	cagtgtgtg	tttgctgagg	cccccttcca	agatgggtat	gacctgacca	900
tcgggacgtc	agagcgcgcc	tcagatgtgg	cctctgccca	gcttcccaac	ttcaggcatg	960
ctcttgtggt	gttcgggggc	ctccagggtc	tggaagctgg	agcggatgct	gaccccaacc	1020
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cgaggcaggg	aagctgacag	gcttgccaag	aaaccagatg	agtaggggaac	tggtattgac	3000
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tcccacggga	tcttacatta	ctgtgagttg	tatatttcac	tatatgttac	aatgtaataa	4260
taatagaaat	aaaatgtaca	taaatgta				4288

<210> 4271

<211> 987

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (961)...(622)

<223> similar to gi6018317 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4271

ttttactgaa	aacattttatt	ttttattttat	ttattattat	tattattttta	tgagccagag	60
tctcgtctctg	tcaccccagg	cttggagtg	agtggcggtg	atctcgggct	cactgcaaag	120
ctcatgcctt	cggggttcac	gccattcttc	tgcacagcc	tcccagtag	ctcgggactt	180
acaggcgccc	gccaccacgc	ccggctaatt	ttttgtattt	ttagtagaga	caagggttca	240
ccccgtgttg	gccagggaat	ggtctctatc	tcctgacctc	gtgatccaac	ctgcctcggg	300
ctcccaaagt	gctgggatta	caggcgtgag	ccacagtgcc	cggcctgaaa	acattttatta	360
caacaaaacg	tcagacctat	gtgacagtaa	gttaccacaa	gctggtaggg	ttgaaccggg	420
gcaggagtgc	ctggtacagg	gacctcactg	cccaccccat	gctcagctcc	tgcttgagg	480
aacctctggc	tgaccagac	acaggatgga	cagctgtcag	aaaatctgga	caacagctcg	540
gtaggcgcgat	tgggcagcct	cctcctgtcc	atgcttctgc	ccaggctgag	cctcggagga	600
ggcctgggttc	ttgggtcatct	tggggttgac	gacaatgtctg	ctggttggtga	ctcggggccc	660
ataccagcct	gcccagtact	gggtgtccct	gcccccatgc	tggaagagga	tgtagcggac	720
accccggggg	tagtctgaga	aggtgtagga	gacctctgtc	catgtggcat	tgttccactg	780
ttggatggtc	acagggtggg	gctcgaagga	ggccaacacg	aagtagtcag	ccgaggccag	840

ctgcactttg	agttggtagg	tgagccaca	gtcggctctg	gcagcaaacc	agtccttaac	900
cacgatgtcc	ggccggaatg	tgtctagtag	ctcctcccag	tagccctcgg	ctacaaggtc	960
cgaattccac	cgactggac	taatgat				987

<210> 4272

<211> 1848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1801)...(673)

<223> similar to gi3875264 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4272

tttttttttt	ttgtatctat	gtaaatattt	tattctgctt	ccagatagaa	cattgaagtt	60
tacatgttat	tttaaagaca	ataaacagct	aagctactga	cataaaatat	acaataaatt	120
tatgagatat	aaggtagaca	tgagaaaaat	ctgaaataag	tttttaactt	catttagcct	180
attaggaaca	tgaagatgtc	tggaattgat	gctggccttg	gtctcaagta	ctttttccca	240
tatgtattcg	ttttatcctt	ccagaaagca	tatcatatta	gagtgtctaa	gaaatcagtg	300
aatcactaag	ttttccatct	taccgaagta	caaaacatta	tttcaaactt	aggccttctg	360
acagaatcca	atatctattt	ttatacttac	ttttctttct	actaagttct	ttcataaaat	420
tatgaatcag	aaagcaagta	caagacatgc	ttatttcaca	cagaatatca	atgaagactt	480
aagaagataa	atagcaagta	cttctaaaaa	atcacaaatt	ttgacatttg	gaacaatata	540
attgccatac	tattatatct	tttattaaaa	aagacctttt	ccagcttggt	tccagacttc	600
ttttactcct	ttaatgcttt	ctttcttcac	acacttccag	tattcttgta	tactctgatg	660
ttgtggtacc	cataaacctc	gatgcattct	gttttttaac	accccaagaa	actcttcag	720
actaagacat	tcatcaccat	ccaaatcaaa	gatcttaaa	acagtgtcca	aaatattggt	780
tgagagttct	tgtcctggtg	ctactttcac	agctctctta	aactccgcta	gtctgacagg	840
acgatgagct	aaactgaaca	tctgcatggc	aatagcaaag	tcttccaagt	gggttgtaaa	900
atggcaaaat	gacttgaatt	catccaaact	aatgctctct	cctgctgaca	acttctctct	960
cacatttttc	caataaatat	ctttattttc	agtgttagtg	aaaaaaagta	gccactctgc	1020
aaagtcttct	tttctcatga	aactcaaacc	tttagaaaac	tgaaggaatt	ccatttcttg	1080
aatctctggt	tgtaaatttt	ccataaatct	tcgaaattct	ttataatgaa	gttttctttg	1140
tcctcttttt	ccaaagaaac	gcatctgaag	agttgtgtta	atttcagggt	ctttcactat	1200
tgcttcctga	tatccagttt	cattagtttt	caactgtcatc	aagtcactct	gtttacttat	1260
gatcttctgc	agcttaaaaa	attccctttt	ttcaatcatc	tcattaccat	ctgtatccag	1320
catttttaaa	gcaacatgaa	atccagaatg	gggttttagtg	aggattgtaa	gcaagaaaag	1380
atactcggtg	tatgaaatta	gccctttatc	gccaaaggct	ctgaaaaaag	ttgatccaca	1440
gccagctggt	tgatcccttg	acagtgtatc	ctcgatgtcc	ttttttgtca	gtttcttgac	1500
tgaagtttta	cgttccattt	gctcaaacat	caactgagaag	aggaaagtct	gtggtgtcat	1560
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cggtttccca	atataatgta	ttccatgttc	aacatttttc	tgtgcggaga	ctgtaaaact	1680
gccatcccg	gccgcaaac	tgacgcggct	gtggtgccag	gccgctcctg	ctcctgccag	1740
ggccgcgcgc	gccactgccg	ctgccaagg	gccgggactc	cgcacagcct	gtcggctgac	1800
agcgagcccc	cgctcgagtt	ttccgcccc	ggccgccacc	cgcgcgca		1848

<210> 4273
 <211> 952
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(550)
 <223> similar to gi5802786 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4273

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gcattccttc	taggaaaggt	ggagtcggta	gtgagaagcc	ggaggtgccc	ctacagacat	120
acaaggagat	tggtcactgc	tgtgaggagc	aggtcttaac	tctggccact	gaacagacct	180
atgctgtgga	gggtgagaca	cccatcaacc	gcctgtccct	gctgctctct	ggccgggttc	240
gtgtgagcca	ggatgggcag	tttctgcact	acatctttcc	ataccagttc	atggactctc	300
ctgagtggga	atcactacag	ccttctgagg	agggggtgtt	ccaggtcact	ctgactgctg	360
agacctcatg	tagctacatt	tcctggcccc	ggaaaagtct	ccatcttctt	ctgaccaaag	420
agcgatacat	ctcctgcctc	ttctcggtct	tgctgggata	tgacatctcg	gagaagctct	480
acactctcaa	tgacaagctc	tttgctaagt	ttgggctgcg	ctttgacatc	cgccttccca	540
gcctctacca	tgtcctgggt	cccactgctg	cagatgctgg	accagagtcc	gagaaggggtg	600
atgaggaagt	ctgtgagcca	gctgtgtccc	ctcctcaggc	cacaccacc	tctctccagc	660
aaacaccccc	ttgttctacc	cctccagcta	ccaccaactt	tcctgctctc	tggccgggtt	720
cgtgtgagcc	aggatgggca	gtttctgcac	tacatctttc	cataccagtt	catggactct	780
cctgagtggg	aatcactaca	gccttctgag	gagggggtgt	tccaggtcac	tctgactgct	840
gagacctcat	gtagctacat	ttcctggccc	cggaaaagtc	tccatcttct	tctgaccaa	900
gagcgataca	tctcctgcct	cttctcggct	ctgctgggat	atgacatctc	ga	952

<210> 4274
 <211> 4928
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(4929)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2)...(1699)
 <223> similar to gi4003521 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4274

tgaaatggag	aaacaaagac	aagaggaaca	aaggaagaga	acggaggagg	aacgaaaacg	60
cagaattgag	caggatatgt	tagaaaagag	gaaaatacag	cgtgaattag	caaaaagggc	120
tgaacagatt	gaggacataa	acaatacggg	aactgaatca	gcatcagagg	aaggagatga	180
ttcactactt	ataactgtgg	tacctgtcaa	atcataataa	acatctggaa	aaatgaaaaa	240
gaatthttgag	gatctagaaa	aagaacgtga	agagaaaagaa	aggatcaagt	acgaggaaga	300
taaaagaata	agatatgaag	aacaacgacc	atctctcaag	gaagcaaaagt	gtcttttcatt	360
agttatggat	gatgaaatag	aaagtgaagc	aaaaaaagaa	tcacttttctc	ccggaataatt	420
gaaactaact	tttgaagaac	tggagcgaca	aagacaagaa	aaccgaaaaga	agcaagctga	480
agaggaagca	agaaaacggt	tagaagaaga	gaagcgtgct	tttgaagaag	caaggcggca	540
aatggtaaat	gaagatgagg	aaaaccaaga	cacagcaaaa	atttttaaaag	ggtaccgccc	600
tggtaaactc	aaactcagtt	ttgaagaaat	ggaaaaggcaa	agaagagaag	atgaaaaaag	660
gaaagcagaa	gaagaagcca	gaaggagaat	agaggaagaa	aagaaggcgt	ttgttgaagc	720
aaggagaaat	atggtagtag	atgatgactc	cccagagatg	tataagacaa	tctctcaaga	780
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agaagaaaaa	cgacgaacag	aggaggaacg	gaagcataag	ctagaaatgg	agaaacaaga	900
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gagcagagaa	tatgaagaac	tgatcaaat	aaaaaggagt	ggctctattc	aagctaaaaa	1020
cctaaaaagc	aagtttgaaa	aaattggaca	gttgcttgaa	aaagaaatac	agaaaaaaat	1080
agaagaagag	cgagcaagaa	ggagagcaat	tgaccttgaa	attaaagagc	gagaagctga	1140
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agaacaaaga	agaattgaag	aacaaaagtt	actacgcag	cagtttgaac	aaagggaaat	1320
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agaacccaaa	ccagaaatta	catgggtggt	tgaaggagaa	atactgcagg	atggagaaga	1560
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ccctctccct	ggaactttct	ctttcactcc	aactttctta	ctacatccat	cttttctgtg	1860
gcggggccaa	aaaaggaaac	caggagtgcc	actatgtgca	cttcttattc	cttttcataa	1920
cagtcctcaa	agcacagctc	atctaaagaa	tgcctacttc	ttttccaaat	aagcatcaga	1980
tttatcgctt	attatgcagt	aacagtcaat	aaaatgtact	tatggggggg	aattactcaa	2040
ttattctatc	agaacctatt	ataaagactg	tatttcccat	agacgtttac	agcaactatg	2100
tttaaaaaac	aaaaacaaaa	aaaaaacacc	caaacctaa	tagaatacat	tattttgcat	2160
gaaggaatgt	catttctgag	ctttttacac	ctaaaattag	gctgaaatag	ctgagataat	2220
taatttgga	cctatcaatt	tgagtggact	ttttctttag	tagtacacca	ttttgggtgt	2280
tgtagtttca	aagtctttcc	tgaagccaga	tatattgggg	attggggagc	gggtggggaa	2340
aactgtcact	ccctttcaga	ggaaaagggg	aggagcatgg	agaaaaacaa	aaattaaagg	2400
acttaaagaa	tggctataca	gtgttgagt	ttgaggatat	taaacatgtt	atttttcaaa	2460
cgtatgtaat	atatattaaa	tttataaagc	aaatttatgt	tgtgatcttg	cctgaacaaa	2520
ttatatthta	atgaaaaaac	tttctattaa	tagttcacgc	aagagaaaaac	actttcaaca	2580
tagtcaagg	cttcaagatc	taagtgtatc	agacttaggg	aaaaagtggc	acaaccttcg	2640
atttaaaatt	ctagtcttta	aaatgagttt	gtaataaatt	agctattacg	ttctattaag	2700
ttgttttata	ttttaatttt	ctggaagaca	attttatttt	acaacgtgaa	cccaaataaa	2760
gtaacttctg	gatttaaaag	tctttctgta	ttttaagact	tgtgcaacca	gatgttacct	2820
ttttatcatt	aaaacttttt	aaaatcattt	tttctcacag	taaacataaa	aaaaaaccca	2880
gtcaagtaga	aaatthttacc	atgtaataata	tgtataaaaa	acacaaaagc	ctcctthtta	2940
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gtgacctttt	acatacaatg	tcattaaagc	aaactctaaa	ccacagtgtg	aaagtattca	3060
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cccaatttaa	aaaaatccct	caaaaagctta	tattgtggca	agaaaaatga	agtcactaac	3360

tcaacaaaaa	ataaggtaac	tttcagagcc	aaaattatct	ttaattaggt	attgttataa	3420
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taaactctac	atcattattc	tacacaacag	ataactttct	aagtacagct	gattttactg	3540
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taaaagatat	attttacaat	gtttataaac	aactagtatc	aaattactag	ttttagtatt	3720
aaaaccattt	tttatattaa	aaaataaaa	tatacttctc	atttctaaaa	gaaacatcaa	3780
accatagaat	tctaagtatc	accacactaa	gctgtcttaa	aaaaaactaa	aaacattgtc	3840
aaatttttgt	ttaagtgtca	aataagtcag	ttcagtttca	atctaaacta	tacattgttt	3900
ctaactacta	tatccaatgc	attcaaatca	actggctcac	cttttctgct	ttccatttat	3960
ttcagactta	agatcagcgt	catttaaaat	aatgcttata	gtatcagtga	aggcttatgg	4020
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atttggtgct	tgcagcatct	tcagcactgt	gtgtgaaaat	gaaggcagta	tttttgaata	4560
tttttctttg	ttgcagagat	aagcaggagt	tttaaaagga	tcagcacatt	ttagaaatcg	4620
aataaataaa	actgataaga	tgctgctttc	atacattcaa	cttaactcaa	aatatgtacc	4680
agttaaaatc	atctataaaa	acacacaaac	attttaaact	ggcaaaaaaa	ttaaatgcag	4740
tgtcagttat	taaaatatta	ttaaatcaga	aaaatactga	ttgctacaga	ttatgaaagg	4800
ttatttgcta	tacagttaac	atttcactga	tgcacatgcc	ttttatcaaa	accggacgcg	4860
tgggtcgacc	gggattccgg	ngggttccga	ggaattcagt	anggtttcat	tggcctgctg	4920
tggccagc						4928

<210> 4275

<211> 1941

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (411)...(1263)

<223> similar to gi5441500 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4275

tcacaggagc	aaggagacca	gagcattctc	accacccagg	ccagttcccc	ttctctcccc	60
ctgggggggtg	ctgggtgccg	gacaccctc	cccaggggct	atattagccg	tgtgagtcac	120
ggtggaccgg	ctgggagcgg	gcaggctggc	aggcacagt	tagggttaca	gtccatttat	180
gggcgcagcc	gaaggcagat	atcagtgtcg	atggcattcg	ctcccagcta	ttcttaggag	240
cctctcaaga	gctccacgca	gcccggctgg	gcagcaagg	acagaacagg	caaggctggg	300
ggtcaggggc	aggggcagag	gtgtggaccg	ggcaggcgga	gtgcctgagt	gccctctcac	360
tcaaccctct	ctaccctttg	tctgcagagg	cggccgctga	cagcaccagc	atgtcttaca	420
gtgtgacct	gactgggccc	gggccctggg	gcttccgtct	gcaggggggc	aaggacttca	480
acatgcccct	cactatctcc	cggatcacac	caggcagcaa	ggcagcccag	tcccagctca	540
gccagggtga	cctcgtgggtg	gccattgacg	gcgtcaacac	agacaccatg	accacctggg	600

aagccagaa	caagatcaag	tctgccagct	acaacttgag	cctcaccctg	cagaaatcaa	660
agcgccccat	tcccatctcc	acgacagcac	ctccagtcca	gacccctctg	ccggtgatcc	720
ctcaccagaa	ggtggtagtc	aactctccag	ccaacgccga	ctaccaggaa	cgcttcaacc	780
ccagtgcctt	gaaggactcg	gccctgtcca	cccacaagcc	catcgagggtg	aaggggctgg	840
gcggaaggc	caccatcatc	catgcgcagt	acaacacgcc	catcagcatg	tattcccagg	900
atgccatcat	ggacgccatc	gctgggcagg	cccaagccca	aggcagtgc	ttcagtggga	960
gcctccctat	taaggacctt	gccgtagaca	gcgcctctcc	cgctctaccag	gctgtgatta	1020
agagccagaa	caagccagaa	gatgaggctg	acgagtgggc	acgccgttcc	tccaacctgc	1080
agtctcgctc	cttcgcgcatc	ctggcccaga	tgacggggac	agaattcatg	caagacctg	1140
atgaagaagc	tctgcgaagg	tcaagggaaa	ggtttgaaac	ggaacgtaac	agcccacgtt	1200
ttgccaaatt	gcgcaactgg	caccatggcc	tttcagccca	aatccttaat	gttaaaagct	1260
aaaaggctgc	ctggaatccc	cccaccccaa	caggctggac	tccctccatc	cttaccacca	1320
cacagatctg	gcatgtgagc	cccacggtga	tgcttgacaa	tgtataactc	tgctgggggc	1380
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cccagcccc	tgcatctctg	taccaccaa	acctccccag	ggcaaccctc	gccaccccc	1500
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gcagagacct	ctcctggcag	tggtgagggtg	ggggcatgca	ccctccttcc	tgtaccgtgt	1860
gtgctggctc	catagtcttc	tcttctgtac	atataagcat	gcttgttctg	aaataaagaa	1920
gatttgaagt	gaaaaaaaaa	a				1941

<210> 4276

<211> 2674

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (55)...(1880)

<223> similar to gi32456 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4276

gcgcattgac	ccctagaaca	gcgctcgaat	tgccgcgtcg	acccacgcgt	gcgaaccac	60
acaatggcca	gcgataccag	cagcctgggtg	cagtcaccata	cttacaagaa	gcgagagccg	120
gccgacgtgc	cctatcagac	tgggcagctc	caccccgcca	tccgggtggc	agacctcctt	180
cagcacatca	cacagatgaa	gtgtgcggag	ggctacggct	tcaaggagga	atcagagagc	240
ttctttgaag	ggcagtctgc	accatgggac	tcggctaaga	aagatgagaa	cagaatgaag	300
aacagatacg	ggaatatcat	tgcatacgat	cattcccag	tgaggctgca	gacaatagaa	360
ggagacacaa	actcagacta	tatcaatggc	aattatatcg	atggttatca	tcgacccaat	420
cattacattg	ctacccaagg	gccaatgcag	gaaaccatct	atgacttctg	gaggatgggtg	480
tggcacgaaa	acactgcaag	tatcatcatg	gtgaccaatc	ttgtggaagt	gggaagggtc	540
aaatgctgca	aatactggcc	agatgacaca	gagatatata	aagacattaa	agttacccta	600
atagaaacag	aactactggc	agaatatgtg	ataagaacat	ttgctgttga	aaagagaggt	660
gtgcatgaaa	tccgagagat	cagacagttt	cacttcactg	gctggccgga	tcattgggtc	720
ccctaccatg	ccaccggcct	gctgggattc	gtgcggcaag	tcaagtccaa	gagcccgccc	780
agtgacggcc	cactggtggt	gcactgcagt	gctggtgcag	ggaggactgg	ctgtttcatc	840

gtcattgata	tcatgttga	catggccgaa	aggggaagggg	tcgtagacat	ctacaactgc	900
gtcagggagc	tgcggtcacg	gaggggtgaac	atggtgcaaa	cagaggagca	gtatgtgttt	960
atccacgatg	cgatcctgga	agcctgtctt	tgtggggaca	cctctgtgcc	tgcttcccaa	1020
gttaggtctc	tgtattatga	catgaacaaa	ctggatccac	agacaaactc	aagccagatt	1080
aaagaggaat	tccggacgct	aaacatggtg	acaccaacgc	tgcgagtaga	ggactgcagc	1140
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cgctgcctgc	ccttcctcat	caccatcgat	ggggagagca	gcaactacat	caatgctgcc	1260
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acagtgaag	acttttggag	actggtcctg	gattatcact	gcacatccgt	agttatgcta	1380
aatgatgtgg	atcctgcccc	gttgtgtcca	cagtactggc	cagaaaacgg	agtacacaga	1440
cacggcccca	tccaggtgga	atttgtctct	gctgacctgg	aagaggacat	catcagcagg	1500
atattccgca	tttacaatgc	cgccagaccc	caagatggat	atcggatggt	gcagcaattc	1560
cagttcctgg	gctggccgat	gtacagggac	acaccagtgt	ctaagcgctc	cttcttgaag	1620
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aacaagccca	acatggtcga	cctcctggat	cagtacaagt	tctgctacga	ggtggccctg	1860
gaatacttga	attctggctg	atggtgtaaa	cagctctgca	aacaatecct	ttcataccac	1920
aaagccaaga	cgttccatgg	tatttgtgca	aaagagatga	agacttctca	atatgcttat	1980
tttgctttgc	ataattggct	ctttttaaga	gcccaagaaa	gtgtttctaa	aattgcttgc	2040
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aatcccgtac	tccttgccac	cggcttccta	gagcagcgta	gacagctggt	aaactgaaga	2160
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gtcgtttctg	tcagatttgt	attgtttcca	agggaaaagc	ttgggggagg	actcagttca	2460
caaaatgcaa	aactcaacga	tcagattcac	ggacccagag	cttttccatg	tgtttatatt	2520
gtaaatattt	ttgatttcat	cgaaattatt	tattcattaa	aagaaatttt	tgtgaagcac	2580
agtgagtgc	aatcattttt	cttaaggcct	ggaaacgatt	ttctgtatga	tgttacttta	2640
tgtgaattct	catctcaata	aatgatgacc	cgtg			2674

<210> 4277

<211> 1247

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1248)...(319)

<223> similar to gi404751 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4277

tttttttttt	ttcagtggcc	attggagatg	tttattacac	tgcttcggct	ggacacgcaa	60
ccatgtgaca	ctaattgtgtc	atagaaggtc	tctgagcact	ttggctcatt	ttgaatataa	120
tttttaaaaa	tatacacaag	gctggctttc	caatgtttta	aatcattgta	gaaaccaaca	180
ggttgaacag	aaatataaaa	gtacagaaaa	tggttttcct	gctttggtgt	tggttgtggc	240
ggccgaggaa	cgtgactgct	gctgtttaca	caagtccaga	cgctgccagg	gcctgttggg	300
atcagctcag	tctgcgacta	aaacagctgg	atcatcgact	ctcttgactt	gccaacacca	360

acccatttga	ctgagagagc	agaaaagact	gttatgatac	acactgcgac	tcccacgtga	420
ttctccacaa	agcggatgta	gttctgggcc	tgtgggggca	ggtcctccca	cctcctggcg	480
cctgtggtgt	ctgctttcca	cccaggcagc	gtttcatact	caacttcgac	cttctgaagc	540
atctcctggt	tagctgggaa	ataggggaatc	cttttcccgt	tcagcttgta	tgagacaccg	600
actttaacct	cacccagtac	gtccaggatg	tccagcttcg	tcagggccag	cgcagtgaat	660
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atctgctcgg	tggggaaggc	cccgatgccc	acacgtgtgg	tataggcttt	caccacgcca	840
tacacgtcac	ctatgttctg	cggggggatg	cccaggcccc	tgacacaccc	gcccacggtg	900
cagttggatg	aagtcacaaa	ggggtaggtc	ccgaagtcaa	tgtcgaggag	ggcggcggtg	960
gcacctcca	ccaggatctt	cttggggggg	ccgtggagtg	cctcatatat	aaagtaaaca	1020
ccatctcgga	ccatgggtct	gatccgctca	gcaaagccct	tgagcctttt	gagttggcct	1080
tcaatgtcta	tttcagggtg	ggggaacatc	gactgggtct	ggtggggccag	gttcttgaat	1140
ctggaggaaa	actcatcaaa	atctgacagg	aggctcgaga	tgcgagggcc	tgtccgggca	1200
gctttggaag	agtaggttgg	tccgattccc	ttcttggtgg	tgcttat		1247

<210> 4278

<211> 201

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(186)

<223> similar to gi536845 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4278

aagaaatggg	caaaggtata	gacagcctat	ttaatgaaat	aatagctgaa	aacttcccag	60
gtcttgctag	agacatagac	atttggaagc	tggaaactca	aggagtccca	aatagattca	120
atctaaagag	gtcttcccag	agacaaatga	tagtcaaact	gtcaaaagtc	aaaaacagag	180
aattctaaaa	acagcaaaag	a				201

<210> 4279

<211> 524

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (526)...(353)

<223> similar to gi206537 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4279
gacgggggttt gaggagcttt gatacaaaac cccccggagg ggaggggtca aaaaaagaaa 60
agtgggggaa gagagaaaaa gcaaagaaaa gacacgatgc acggagaaag gagcagctga 120
aagtggcctg gactccagcc ctggctgttg tctgggtgggt gcgggatggg gagacagtgc 180
ttgcggcaca tctggtgggt cgtagcaggg ctgtggctgg ggaaacaggc tgaagaagac 240
cactccaggg tggacgggct ggggacaggg gctgcttgag atgacagcag agccgctctc 300
agggccaggg agggggagta gtggctactg atactcaata gggtcacac atgagaggac 360
agcaggcact tgtttcatag aagtccatgc catactcctt cgccagctgc tgccttctgt 420
ctcttccac ctgccgtttc tgctcctcat cagccttatt cccaataagg atcttctgga 480
cgcttcttgg tgcgtactca tccacgtcac tgaccactt catg 524

```

```

<210> 4280
<211> 1216
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1216)...(501)
<223> similar to gi2832770 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4280
gcgcgcggcc gggccccggt gtctgggacc ccaactgtga caggcgagaa ccactgtctc 60
tgatcaacgt gcggaagagg aacgtggaat ctggggaaga agagctggcg tccaagctgg 120
accactacaa agccaaggcc acgcggcaca tcttctcat caggcattcc cagtaccacg 180
tggatggctc cctggagaag gaccgcactc tgaccccgct gggtcgggag caggctgaac 240
tactgggct cgcctggca agcttgggtg tgaagttaa taaaatcgtc cattcgtcta 300
tgacgcgcgc catagagacc accgatata tcagccggca cctgccaggc gtctgcaaag 360
tcagcacaga tctgtgcgg gaaggtgcc ccacgagcc agaccgccc gtgtctcatt 420
ggaagccgga agctgtgtat tacgaagac gagccggat cgaggccgcc ttccggaact 480
acatccaccg cgcagatgcc aggcaggagg aggacagtta cgagatcttc atctgtcacg 540
ccaacgtcat ccgctacatc gtgtgcagag cactgcagtt tcttctgaa ggctggctcc 600
ggctctccct caataatggc agcatcaccc acctggtgat ccgacccaac ggccgagttg 660
cgctcaggac cctcggggac acggggttca tgccctccga caagatcact cgatcctgag 720
ggctccggcc tctcttccc tctgtctcc ctgcacaggc cgcacacact taacgttttg 780
ttcccaagga gaccggcgga aagtagaaac ctgcaatgct gcactctgga actgacttgt 840
gaccaggctg agaaggggag agttgggatc agacagcctg acttctctgc agggttttat 900
acctgaccat gaaccccag gatggcgtgg ggtttaaggt gaaagcgtct cagcacaag 960
tcaggcctgt tgtggggacc tgaaagaggc ctgaccagc ccaccatgtt cgcaccaca 1020
gctgaccctg gctgagggtc caggctccat tggcaaagcc ggtcaggcac gagggcgact 1080
gaggcacgtg gatgaggagg gcacccaggt tctgttcaca actcattca cttcatacat 1140
ccttttaatt tcttaaaacc ctcttgctcc ttaaatttt gtcaattaaa gattttctgg 1200
ctgggcaaaa aaaaaa 1216

```

<210> 4281
 <211> 1559
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1521)...(1393)
 <223> similar to gi1334349 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4281

agcggagagg	cccgaacacag	agcagcaggt	agcttttctc	tgctggcacc	ctggagacag	60
cctcggctgc	ggggcccctg	ccttctagtc	ctccccagct	ttcaggacac	cttgacaacc	120
tgggggtccct	gcagaagtgg	cccggctgtc	ccccaaagtct	cctgaagcta	tctgggtagg	180
gtgggaggca	gtgctgtgag	ccacaaatgc	aaagcagagg	ggacagatgt	tgggactcaa	240
agacatgagg	tagagctggc	cccatgggta	ggtgccacca	ccagagccca	tgaggcttcg	300
tgttctagaa	ggtggtgggt	tagtgccgca	ctgagggcgt	gtccgggagg	gagcatgtgt	360
caccagggct	caggaaacag	catgagtcac	gacgcggggg	tgtttaaggc	attcgtgccca	420
cagcggggac	ctcggagcta	tgcttgcata	aggcaagtga	ggttacatgt	acgatgatgc	480
ggtttgtgct	gcagactgga	aaaaagcagg	ggctttgtcc	tctcctgacc	ccctcacact	540
ctgccttcac	ggtaggctcc	tgagaggggg	gtctccaagg	aggggtgtcag	tactgcagct	600
tcagctggcg	tggatggggg	gcttacagga	gcagcagggc	tgaggagat	gacagcagta	660
cgaaccgtgg	ctctcctgag	gcctgggttt	cctcatatgt	aaaatggggg	ttgcattaga	720
ccataccctt	ggcctgtgtt	taggcaaata	gggatgaaag	tggggccaag	ggctgaagag	780
ctgggtccgc	tgccgtcggt	gcccttcttt	cttgccaggt	gagtgaactg	cgcaatcagg	840
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ggatgcacaa	ggccttggac	aggggtggagg	agcaccaggg	ctccaggatg	actgctgaga	960
aattttctgaa	caggctcccc	aagtttgtga	tccggcaagg	cgagggtgatt	gacatccggg	1020
gccccatcag	ggacaccttg	cagaactgct	gcccattgcc	tgcccggatc	caggagattg	1080
tggtggagac	gcccaccttg	gccgctgagc	gagagaggag	ccaggagtca	cccaacacac	1140
cggcaccctc	gctctccatg	ctgcgcacac	agtctgagaa	tggggaacag	gccttccctac	1200
tgatgatgca	gcctgacaac	accattgggg	acgtgcgagc	tctgctagcg	caggccaggg	1260
tcattgatgc	ctctgccttt	gagatcttca	gcacattccc	gcccaccctc	taccaggacg	1320
atacactcac	gctgcaggct	gcaggccttg	tgcccaaagc	agcactgctg	ctgcgggcac	1380
gccgagcccc	gaagtccagc	ctgaaattca	gtcctgtgtc	ctgtcccggg	cccggcccca	1440
gtccctgtcc	cgggtcccgg	cccggcccca	gtccctgtcc	cggaccacgt	cccagccccc	1500
aataaagcac	ccgccccctc	aaaaaaaaaa	aaaagggggg	gggctgttaa	gaagatccc	1559

<210> 4282
 <211> 2150
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (70)...(1230)
 <223> similar to gi2662161 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


```

<400> 4282
cgggccgagc agtgggctga tgctgccgac gtctctgggc ctgacgacga gccagccaag      60
ttatatcttg tgcattggcta cgcgtccgcc atctccgccg gcagtgtctgc ggaaggcagc      120
atgggcgatc tcagtggagat atcctctcat tccagtgggt ctcaccattc aggaagccct      180
tcagctcact gttcaaaaag tagtgggtct ctggattcat ccaaagtcta catcgtgtct      240
cacagcagcg gacaacaggt tcccgggtcc atgtccaagc cctaccacag acaaggggca      300
gtgaacaaat atgtcatcgg ctggaagaaa tcggagggca gccaccgcc cgaggagcct      360
gaagtgactg aatgtcccgg gatgtatagt gagatggatg tcatgtccac agcaactcag      420
catcagacag tgggtgggaga tgctgttgca gagactcaac atgttctgtc taaagaagat      480
tttctgaaat tgatgcttcc tgacagcccc ttagtggagg aggggcgaag aaagttttcg      540
ttctatggga acctgtctcc aaggaggtcg ctttaccgca cgctgtctga cgagagcatc      600
tgcagcaaca ggaggggggtc ctctttggc agttcccgga gttccgtgct tgaccaggcc      660
ctgcccacg acattctgtt cagcaccacc ccaccctacc acagcacgct gcctccgcgg      720
gcccaccccg caccagcat ggggagcctg agaaatgagt tctggttctc cgatgggtcc      780
ttatcagata agtccaagtg cgcagatcct ggcctgatgc ccctcccga cacagccaca      840
gggttagatt ggaccacct cgtggatgct gcacgggcat ttgaagacca gaggggtggca      900
tccttctgca ccctgacaga tatgcagcat gggcaggacc tgggaaggggc ccaagagctg      960
cccttatgtg tagatccagg cagtggcaaa gagttcatgg acacaactgg ggagcgttct     1020
ccatcaccac tgaccgggaa agtcaatcag ctggaattaa ttcttcgaca actccagacc     1080
gaccttcgga aggaaaaaca agacaaggcc gttctccaag cagaagtgca gcacctgaga     1140
caggacaaca tgaggctgca ggaggagtcc cagaccgca cagctcagct gcggaaattc     1200
acagaatggg ttttcaccac catcgacaaa aaatcttagc caatccgcac ctcattcaagg     1260
gaccactggg aaatgcccct tgtccctttg aagtcacaaa catgtggttt ttctgtgtgc     1320
tttcaacca tcgtagatgt ttttgctgtt ccattctgtg tagcaccatt caccacagca     1380
ggatagggag cctcgactct ttctcggtaa ccacggcaga gagcagcgcc gatgtgaaga     1440
tgaatgaatg taactcctgg tgtgaagatg aatgtaaacc ctggcgacag ttgagacctt     1500
tttcttttag actctgctaa aacagtgtct tggcttgggc ttacctcaag agggagata     1560
gttgagtttt atttcctgta tatcaggtag cctggtagag atgtaaagca atttaccata     1620
gtttgggctt tagtattgta aaataaacat gagaacaaat aatcagacat atactttaat     1680
gttaaagggt ctctattttt ttggatgtac agtagtttta tttccacagc cacattacca     1740
tagcaataag aaaggaggca tagtacatag ttgaaaaagc tttgtggggg gattaaaaaa     1800
aaaaaaaaag actgtggggg ttaacactag ttcagatgca gttaccttaa aaacttattt     1860
atgtgcagga acaagggggg cctgaatatt aacagggttc tgattaaaaa aaaaaaaaag     1920
atacatatgc cttgaaaagg gctcaccgag gggccagtag tcaattcaac tcttagttca     1980
ctttgtata gctgctctgc tggaaaaaaa tgaaagggaa tctgcttact ccctaaaact     2040
tccttggggg ctgggagcca gcggaaccac ttgtacaatg ccagatttgt ttatttttgt     2100
ccaaaacctt tgatgaaggg ccttgtattt aacccctta ttaagcttg      2150

```

<210> 4283

<211> 601

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (604)...(342)

<223> similar to gi202523 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 4283
tttttttttt tttcagcggg aaaaatgtgg atttaatgga atgaaggatg aaagggcccc 60
aagccagcaa gtctcgcccc acctaccagc cccacccag cttcccaagg gtctcagagg 120
gacactcttg gcactggcct ttcacatctg ttcaacaacc cctgagctga aaagttgcag 180
tgaggaggcct ccagctcagc aggtggactc caaaataccc ctcttgtctt atccactcca 240
ggtcggggggc aggggaagcac atggggctgc ttctgccacg ttcctccac agccatcccc 300
aaggccaggc acacaggcac catccaaggg cctgccccct agcagtgaga ctctagctct 360
gtgagtctga gcagtgaggt cctgggggtg gcgggagccg agggtcctgc tgggttcgcg 420
tggggcaggt cctcggctgg gcacatgagc tgacggattc tctctctgaa ggggcccttg 480
agggttccga gtctgtagag gctccaggca ggaatgcaga ccatggagga cagagccagg 540
agccagccca gggcatcgcc ccaccacggg tacgtgtact tcttggtgta ggtcagcgga 600
g 601

```

<210> 4284

<211> 2635

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2638)...(1065)

<223> similar to gi2635219 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 4284
caccacgcct ggccaacttt tgtgtttttca gcagagacgg tttcaccatg ttggccaggc 60
tggtgttgaa ctcttgacct caagtgatec acccacctca atctcccaa gtgctgggat 120
cacagggtgtg agccaccact cccggccaat aatatcttta aaactaaaaa aaaaaacaga 180
aaattgataa gtaaaatgac ttttactatt gatatcagtt ttgtttaatc tgaaactata 240
aaatagagat atatctacct atttatggat ggataatacc atcatctcat atttgtggaa 300
tgctttatag tttttcaaag tacttttatt cactttatct tccatatatg ttatctcctc 360
tgattccagc aataacagcc cggtgaggta gccagggcaa gtatgttttt ttacacatta 420
gcaggaaggg aggctaagcg aggtttatgt aacttactca ggctgaaaca ctgaagaaaa 480
atthgtgact ctcatthcag tgatgttttc tgcattatta aaaaatatta tgctactcct 540
cactatatta tgthgatggt tgaaatgtca ttataaagct taatthatat gattctcttg 600
atgaggatga tgaagcaaat gctccatcaa ctactagtt tacaggggca agcattthtc 660
tacatthcac acataatthg attacctctg tctaagtga ataactact atctgggtat 720
gagaaacatg atthgaaac actaaaccac tatattatt caacaaagaa ccatctthca 780
cacctaagta aaaaggaact tcaaaaaaag tcctaaccaa aaaaaatcca aatgatgcat 840
gaaatcaaaag tcaaaaaatg gggtacttht taatctgtht ctctcgthgt ggtgaagaat 900
gthgcctgga thcctthcaa tctaaagact tgatgtthag acctgtggca gaactctaga 960
tctgacttht gcctthggga agcaaagagg acaaaacctt aaagctcaac thtctgcatg 1020
gtatgcatga thcaatgagc ththctgctg thggagthct thggctthga gactcgata 1080
tgatagggct tcagthcctc aggagggaca gaatctggg ththgctcat gaggthcatg 1140
ccccggaagg actththggaa ggctatgaca thctctgatg thggagatcc agtgacaagg 1200
catatcagth thtctaacc taaggcaatt cthcctagag ggggtgcccc ataactthaa 1260
gcctggagca gatgggagag catththcaca thctctthta gtaaggthgc caggatataa 1320
cgctgcagct ctgcatthgt aatthgaatt gaaccacctc ctatthcatt gccatthaaa 1380

```

accaagtc	atgtgttg	acgggcct	ttgggctc	tgtacagg	atgtatgt	1440
ctgggggt	gagcagta	tgggtggg	gccgattc	gctctctg	attttcct	1500
ttgggcag	agagtggg	atctacc	caaaggaa	agaacaga	ggggtcac	1560
agcaccac	ctcttggt	tagaagg	gcacattc	gtcgtaat	tcctaaca	1620
gagcatgc	tattgtgc	tccagcag	agtaggac	catcttcc	ttgggtct	1680
attagtct	ttaattcc	tctttgtg	tccattat	aattagca	tggagaat	1740
cagtttct	tggcgtta	gaatacac	aagatttc	gattaaa	gtcagctg	1800
aagtttct	tggattca	gtctttcc	tttaagt	ttgctcct	agggatac	1860
atggcttt	cagttcc	gggcttac	agtgcatt	gaagaa	aatctctg	1920
tttctaa	catcactg	atctata	ttcattcc	agcgagt	aggtttat	1980
gttccat	tggccagc	ctcagcaa	gtcatagt	gaaaagg	aaccacag	2040
tctttgt	tgggccc	atactgg	aaacctca	ttaaact	gatcccag	2100
tgggtcta	atgacat	tatgtca	tgagtaaa	caggctgt	gtctggct	2160
gaaccttc	ctcgata	tcgggcaa	tgaaaata	tgtctaaa	gccaacc	2220
agaagttg	taaactgt	aggactct	gggagaga	aaaacttt	aggttcct	2280
gatggtac	aaaactct	ggcacc	ggggtcct	taaaca	gggggttt	2340
atatccac	acccatgc	attacaga	tattcccg	ttttcatg	catctggg	2400
ctcagtcg	ggttata	catttgg	ctacgcaa	ctaagtag	atactgca	2460
cgaagagc	ctgtttt	cacgaagt	ttaat	agggcag	cttgagg	2520
ttcagaag	cagctgtt	aactttg	tcaatct	ctgttgg	ttttggat	2580
tcttgtct	caggacgg	aatgactg	ccagacac	gcaccaca	ttcca	2635

<210> 4285

<211> 2644

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2643)...(1538)

<223> similar to gi474282 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4285

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aaaaaaaa	agggtcag	gaggaag	tgctactt	gtgttagg	ctgagctc	120
tgctctgc	aacagccc	gtgtttc	ccccctcc	gggagggc	cagggagg	180
gggaaag	gctgggtt	gggaagtt	ttcttctg	agatagt	tcggctgc	240
ctttttat	tctgggtc	ggcttga	tcacctgc	agagagg	tcctgacc	300
cgtagggt	gtcctcag	gtctatct	ctccttga	gcatttcc	tgacctgc	360
tcacttca	tacttgtc	tttccctt	catcgctt	tccctctt	acccttg	420
tgcagggt	atgactgt	cactctc	ggtgtcc	gcctctag	cagtgtct	480
tccgttgc	gcactcac	agcatctg	gaatgatg	acagacgg	actcaact	540
ggtaggag	agacggc	ggcgagac	tcctttgc	ttttgggt	gtgtgacc	600
agggaagt	ctgctcct	ctgggcct	tcccaatc	aacctgag	taaaata	660
actgcatt	aagggtgc	ctcatgct	tcgaatat	caggaccg	ttcagggg	720
gtaataga	ttggaatc	ttactaaa	atacctta	tcaactgc	gctgatt	780
atttctga	gtaacatt	aatggttt	ctaggagt	ctgatgtg	atgagccc	840
tcatattt	tattcaata	actctttt	tctagtcc	agattttt	attacaata	900
taatgaaa	agcactag	atttgaac	ctgaggcc	aagggaac	cctcctca	960

ttataaggta	aatgacacaa	agttgaacat	agggtcagtg	ttgggcaaaa	agcatttaaa	1020
atatagataa	cggggtcaag	atdddgtgtg	tgtgcaaaaca	ctgggttttg	tttttcagga	1080
tgacaccatt	ttagaaaagt	catgattttg	aaaactatat	gtgtaattgt	gacaaaacta	1140
aactgtagag	aaaagacaaa	atcaagcaaa	aacaaaaacc	aagaaaccaa	aaggaagcaa	1200
atcaaataca	aggggcggt	atgcaaacct	cgggtccttt	ggccctggaa	tggcaagtga	1260
gtgggcttca	tagaaattct	ctgtagaaag	gaatgtgtgg	gccagtgtgg	ccatggccct	1320
ggcctgacat	cgctgagtct	ccaagtcttg	tctcctcaca	gaggaaaaga	agttgcttgt	1380
ccgacacatc	tgctgggggt	ctgcccagaga	tggggccttc	gttcccaatc	cctttgagaa	1440
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atggggtcag	tgtctgcccc	aggctctgcc	ggagctgtct	gagtggttca	ccgggagtgg	1560
gtgggcctcg	gtgttgaaca	cccagctctc	cagggagagc	aagtcatctt	cagagaacag	1620
aagatagaga	tacttttagtg	tctccgctag	aaagaagctc	tgctgcttgt	tgctgtggtt	1680
gggggtgcta	ctgtacacgt	cttggtatccc	agagaaaccg	gcttctgtcc	gacagtattt	1740
ctccaaggcc	agcaccacct	cccagcccca	ctccctgtag	atgggggttg	gggtctgtcg	1800
ccacaggtag	atgtagctct	ccaccacctc	tggccggagg	atgtagtagc	tctcgctcag	1860
ctgggtggcc	acggcctctc	tgccggagtt	aaaccagaag	gcctcaggcc	caagtttggt	1920
gtctgagcgg	gcgtatgact	cgtgacacgt	cttggtgata	tgggctgcga	gctctcggtg	1980
gtgggcccct	ttttcttctc	tggcatcctc	ggcgccaagg	gcgatcatgc	ccccggagaa	2040
acaggccagg	tgccccatct	tgtggtccag	aatccccctc	cgccactcgg	caatgtaggt	2100
cagccccccg	ggagagacat	tcagcaagta	ggtctctatc	gcctccaagg	cttcgtagta	2160
catattttta	gcctccatat	ctgtcttgcc	cgacatcaac	caggatttga	tcaaataattc	2220
ataaaaactg	tccccgagtc	ctccaactga	gacatggtgt	tgcacccagt	tcccactcac	2280
tgggctgagg	aagttggggg	agaggccaaa	gggcttttcg	atcttcctga	ggaccttgcg	2340
gatgttcctg	accttttcag	cgaagacctg	ggtgccagag	agttcagtga	ggtgtaagaa	2400
ttccaagtgc	agggatccaa	actccgccaa	gatgctgctg	ctgccggctg	tggcccagcc	2460
ccagttccca	cttttgaagc	tcaccacgcc	ctttgggatt	cccggtgggg	tggtgaacgc	2520
cggcaggagc	ttctctccca	gcctgatggc	ctttattcgg	aacacctctt	ctcctgtcag	2580
gtagaaggct	gagaggagtc	ccccgatgta	gcggatgttc	acctcaaaca	aggatgtctc	2640
tccg						2644

<210> 4286

<211> 1542

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1440)...(1146)

<223> similar to gi553070 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4286

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acttgctgta	agataagtgt	tttagtattt	cagccaccct	taggcacaac	tcagccaggc	180
ctaggaagca	acccaacgtc	attgccatga	accatttaca	caagtcacac	caaaatcaac	240
tgacacattt	ttttcctgat	ggaacagtta	aaaaaacaaa	aaactataca	gtcaaagtct	300
gggggtgaag	agcgtgaagt	tcacagctcc	tccacacacg	cccaactgag	catgctcatc	360
ctgtgagggg	gaaccagagc	cttcctgtaa	accatgagag	cttaccaatg	tctggtatac	420
aaaatattct	ggcccataaa	ctcaacctgt	ttttgagggg	taggggattt	tccatcttgt	480

acataaagaa	agaaatctgg	gtatccttca	ggttagaaag	gcattctgta	agaatagtgt	540
tccagagtta	caaatacatc	tggttaagaga	aaagcaattc	ttcctcttgg	ggaaaaagag	600
gaaaagaaa	aagaaaagag	aaaaaagaaa	aaagggggaa	aaaagaaagc	ctatcaatgc	660
ttaatctgtt	ctttcattcc	cactgtaaat	cacatccaat	acatttggtg	aaacttgcaa	720
cgggaccacc	atttacaagg	tagttgaatg	cagaaaccga	aacggattat	gccccctccc	780
cactctaaag	gaaaagacac	agagtacatt	tcacatattc	agagagtggc	tcagtgggct	840
ctttcaagcc	tcataaatcc	tgtccccctg	ctcagaacaa	cacttccttt	tctgtagcag	900
ttccacaggc	cctcttggcc	cttctgctcc	agccctttct	ggaaccagga	atcattgcca	960
atattcaacg	ttcctgcact	aggagaacct	caggccctct	tcctgggaag	accaaaccce	1020
cttgagtgtc	cctcctgctt	cagacggagg	tgacagtcc	cactttggca	gagagggctt	1080
gcttaaacct	cctcttcagg	tcctgcatgt	tgggtgactt	gggcctggga	atgagggagg	1140
ttcttcgctt	ctcgggtgta	ctgctaggct	gctgtttgtg	actgacctct	ttacagagga	1200
cgtggaaggc	gctgtagaca	tcattataat	tttactgac	agacacttca	tagaatgagc	1260
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cgtgctgggt	gagctggctg	atgagttcat	agctcttgta	gtcagtgatg	gagtacccca	1440
tccccccagc	atgtgcacag	ccaatgcact	atattaagct	gttactgca	gctcagcctg	1500
ttctcatggt	cctgaatacg	tggagtgtgt	tgaagctgtc	ag		1542

<210> 4287

<211> 1333

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1311)...(500)

<223> similar to gi3879119 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4287

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caaaacatgt	cccagtcctg	ggaggcttgg	gaagagtggg	aaccagggga	acccagggat	120
gggattccac	tgaaaacaaa	ccgtcctgct	gtcctgtcga	gggccccac	ccacaggatg	180
tagccatggg	acagccactg	aggggtccagg	aagagggggc	gcagagcagg	gaggcaggga	240
cagggagggg	tcgccccagg	gcagtggcag	ggctggaact	cgccccctaac	atccctgagc	300
cccagcaggt	gccctgtgtt	agaagegaga	gggctgggtg	gggtgcgtgg	acaaggggca	360
gaatgatcct	gcccccaacc	agtatcgcca	ggcgctggcc	cagtggcccc	aggccctggc	420
agctggcgtc	ttccgctgcc	ttccctctgc	tctgcgcggg	gacattcagt	gcgctgggga	480
ggcctcggtg	atggccctct	ccaccgcag	gtaccagggc	tgatgtgctg	tgtgctgcat	540
caggtcatcg	aatgcatcca	gccccctccat	cacacgcagc	acgccataca	ccgccaaatc	600
agcgagattc	ggcttctggc	cccccatgaa	gggcgggtcc	ttgccacag	cagccaccca	660
cttgtcagca	gctcataga	ggtcctcgcg	cacgttgctc	tggaggcggt	gcctgctctt	720
gagtcgcttg	ctgatgggtg	acatggccgc	tgcacccatg	tacttgcca	cggcacccctc	780
cacggctccg	aacttgccct	cgcgacaat	gtagtcaaag	gacgccagag	cctcggtggg	840
cgtgcggtac	acattggggg	agatcagggt	caccagccag	tcgtccgccc	actgcgcgca	900
cttcatctcc	tcctgcttgg	cctccttccc	accatacact	tgtgggct	ccttctcggt	960
gagcatgagc	cagtacttat	tgccgaactc	ggtcacctcc	ttgccctgct	cgttcacagc	1020
cttcatggct	gggtagtagg	tgatgatctc	ttccaggggc	tgccccgaca	ccaggtaggt	1080
cttgaggggc	ctgatgatga	cagaggagtc	atttagttgt	tgcgagcttt	ctccttctctg	1140

ggccaccagg	atgggcacct	ttctgtagga	ggagaacttg	atctcagccc	tgcgctcagg	1200
gttcacctcc	accacctggt	agggcagggc	atggaagtcg	aggaaggctc	ggaccccgt	1260
gcagaaggga	cacgtcgtgt	actggtacag	ggtcagctgc	aggcggctgc	acagggagag	1320
ctgagcggct	gag					1333

<210> 4288

<211> 1966

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1157)

<223> similar to gi4240227 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4288

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ttagtagatt	ctatagactt	ggatgcagtg	tcagccttac	ttgcaagaac	atcagctgag	180
ttgttagctg	tggaacaaga	attagcacia	gaagaagaag	aagaatcagg	acaagaagag	240
ccaaggggcc	cagatggaga	ctggctaaca	atgctaagag	aggcctctga	tgaaattgtg	300
gctgaaaaag	aggctgaagt	taaattgcc	gaggacagta	gctgtacaga	agatttaagt	360
tcatgacta	gtgtgcctga	gatgaatgaa	gacgggaaca	ggaaagaaag	caactgtgcc	420
aaagacctca	gaagtcagcc	acctactaga	ataccaacac	tggttgacaa	agagacaaac	480
actgatgaag	ccgctaata	caatatggca	gttcgcccc	aagagcgag	cagcctgagc	540
tctagacagc	atccgtttgt	gaggagcagt	gtgatagtg	gctcacagac	cttttctcca	600
ggagagcgga	accagtacat	ctgcaggtta	aatcggagtg	acagtgcag	ttcaaccctg	660
gctaaaaaat	cactgtttgt	gagaaactcc	accgaacgcc	gcagtttgag	ggtcaaaagg	720
acggtttgcc	agtcagtcct	tagaagaaca	acacaggaat	gcccagtgcg	gacatctcta	780
gacttagaac	tggaccttca	ggcatctctg	acccggcaga	gccgcctcaa	tgatgagctg	840
caggcgctga	gggacttgcg	gcagaagctg	gaggaactga	aagctcagg	agagactgac	900
cttccaccag	gcgtgctgga	ggatgagagg	ttccagaggc	ttctgaagca	agctgagaag	960
caggctgaac	agtccaaaga	agagcagaag	caaggctctga	atgcagagaa	gttgatgagg	1020
caagtctcca	aggacgtgtg	tcggctccgg	gagcagagcc	agaagggtgcc	tcggcaggtg	1080
cagtccttca	gggagaagat	tgccacttcc	accagagcaa	agataagcat	cccatccctg	1140
ccagctgatg	atgtgtgatt	acatgactta	agaaattatt	ttttcatctg	ttcactttct	1200
tagggagggt	aaaagactga	agatttgtgt	ttttgttttg	gggtttggtt	ttttttggt	1260
acgtaactgt	caactcttga	agaactttta	tttcacatca	gattttcaac	acattaattt	1320
gtaaagtacc	ttgagtgtaa	tttttatatg	cttaaaaaag	aaaaaatcat	ataagaaaga	1380
tgggataacc	tggtacacaa	atgttgccca	gtatgtgcgc	attgccagtg	gacttcattt	1440
tgtaaaaatg	gaatagaggc	agtacccac	ttgtgtactg	ttgagccggc	tgttgagaaa	1500
caacttggtt	cagccggtgg	ttttgcttct	cctttgtgtt	cctgtgagta	ggctgtgccg	1560
atggcagcag	cgccacgtgg	tatctgtgcg	ctggcgagga	gaggagcgct	ttccatttgg	1620
aggcagtggt	agcacacgtg	ggagtgcagc	gttccaaagt	ccgcccgaag	tggtgtgtgc	1680
gtccacggcc	atcacctgtg	cggaacacc	tggtttcctt	aagacaattt	cctttttgtc	1740
cttttatatt	tttctaaaga	aaactaagat	ataaactacc	aagtgtctct	aagaataaaa	1800
ataagaataa	gaatacaaa	gagcactact	cttggctaca	cgaaagatct	tgggattcat	1860
gacactgagg	gcagggagaa	gaaagaacac	cagccacgca	gagatacaaa	taagctcatc	1920
aaatgagcag	ctgggtttgtc	tcactcagcc	tgaatttgca	ttaagt		1966

<210> 4289
 <211> 1553
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1555)...(1358)
 <223> similar to gi4753766 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4289

ttaactttca	aaacagtaaa	caatttttatt	tatatatttatt	gtatacatat	acaagaaaaa	60
tactttatatt	tattttttata	tcattcatttt	aaaattgaaa	ttaatttgta	gatataccta	120
atcaacatct	gtaagaattt	caaaattttc	aaaaagccag	ataagccaat	ttattttattt	180
aaaactatta	ataggcatat	cactaagatt	atatgacagt	aaaaaaatga	gaagattaac	240
atatttgctt	attagtgtaa	acattattac	actatattta	gctttgtgta	gagctttaca	300
tatcaaaata	tttaatatat	aatactattt	gttatgcagg	ttttctaata	ccttaaattt	360
ttactatgta	agcaattatt	tgatgaattt	accattctca	aagattgaga	ctgaaaagca	420
gttcactgat	cttacttttc	gaaccagcat	ctctttattt	ttctacagta	aattatactt	480
ttgattatag	agataagaat	tatgagtatt	catcattttt	aaagaataaa	catataaatc	540
ttctttaagt	gtactatcaa	ataaatttta	taaactcagt	aattatcacc	acatatattca	600
aatagttact	aatcccaaaa	atatctgttc	accttgaata	tcttactgac	atgttctcta	660
tgtgagaaaa	aaaatagttt	cttttggtat	ttgatggcaa	tcattgagaaa	ggctctttta	720
tcattcaagaa	aacagaaaaa	agtattgggt	gagtgatggc	agaaatgtag	gccatgacat	780
ctagatgagg	tctatggaaa	tacagcaaac	ttttctaagc	ataatgccat	gtcatcatta	840
ttagcaattt	attttctgag	atcactgatg	ctggctatgt	agaaaggctt	atttaaattg	900
aaaaagaaac	atcattatgt	ttctcatagc	cagctaattc	catagaacac	ttacctgatt	960
tgtgtgggtt	actgaatttt	gtgaatttta	agttttttac	ctctttatat	ccatgtgttt	1020
gggcgcacac	caggaataat	catattgcat	gtcacccctat	cacttaaggt	tatagaagta	1080
atgacatcat	caaaacagtc	atatcagaaa	taggaaaatt	tagatgtatt	catgtccttg	1140
tgtcaciaag	tgagagaaga	gagtaaagac	acctaggaaa	atacaacgaa	agaatgagat	1200
atactcacia	cctcatgatc	atggaattct	aggctatata	gctaagataa	aataacagaa	1260
tagataatat	gaaaatagca	aggttttcac	caaattctat	gtggctggaa	ttaacaggat	1320
taccccatca	ggtctttctt	gaatttgga	agatctattc	cctcttttct	atctttctag	1380
ttttattaaa	tttttgacag	gaaaataaaa	aacattttgt	gaacaagaat	atagcagttg	1440
ccaçacaggt	cagcaggaac	ccaatcacat	ctatagagta	gtgctggaac	caggtgaggt	1500
catgggcagc	tgatcgcagg	tgcttggttc	ctttgtggcg	catgacaaac	tcg	1553

<210> 4290
 <211> 2127
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(2128)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (24)...(1737)
 <223> similar to gi2073564 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4290

cccacgcgtc	cgccccacgcg	tccggagctg	ttcagttgtg	tactccacta	ctgcttcccc	60
gaaacagaca	aatatatgag	cacaacgaag	ctgccctatt	catggaccac	agcgggatgc	120
tggatgatgct	tccttttgac	ctgcggatcc	cttttgcaag	atatgtggca	agaaataata	180
tattgaattt	aaaacgatac	tgcatagaac	gtgtgttcag	gccgcgcaag	ttagatcgat	240
ttcatcccaa	agaacttctg	gagtgtgcat	ttgatattgt	cacttctacc	accaacagct	300
ttctgcccac	tgctgaaatt	atctacacta	tctatgaaat	catccaagag	ttccagcac	360
ttcaggaaag	aaattacagt	atattattga	accataccat	gttattgaaa	gcaatactct	420
tacactgtgg	gatcccagaa	gataaactca	gtcaagtcta	cattattctg	tatgatgctg	480
tgacagagaa	gctgacgagg	agagaagtgg	aagctaaatt	ttgtaatctg	tctttgtctt	540
ctaatagtct	gtgtcgactc	tacaagttta	ttgaacagaa	gggagatttg	caagatctta	600
tgccaacaat	aaattcatta	ataaaaacaga	aaacaggtat	tgcacagttg	gtgaagtatg	660
gcttaaaaga	cctagaggag	gttggtggac	tgttgaaaga	actcggcatc	aagttacagg	720
tcttgatcaa	tttgggcttg	gtttacaagg	tgacgacgca	caatggaatc	atcttccagt	780
ttgtggcttt	catcaaacga	aggcaaaggg	ctgtacctga	aatcctcgca	gctggaggca	840
gatatgacct	gctgattccc	cagtttagag	ggccacaagc	tctggggcca	gttcccactg	900
ccattggggg	cagcatagct	atagacaaga	tatctgtctg	tgctctcaac	atggaggaat	960
ctgttacaat	aagctcttgt	gacctcctgg	ttgtaagtgt	tggtcagatg	tctatgtcca	1020
gggccatcaa	cctaaccag	aaactctgga	cagcaggcat	cacagcagaa	atcatgtacg	1080
actgggtcaca	gtcccaagag	gaattacaag	agtactgcag	acatcatgaa	atcacctatg	1140
tggcccttgt	ctcggataaa	gaaggaagcc	atgtcaaggt	taagtcttcc	gagaaggaaa	1200
ggcagacaga	gaagcgtgtg	ctggagactg	aacttgtgga	ccatgtactg	cagaaactga	1260
ggactaaagt	cactgatgaa	aggaatggca	gagaagcttc	cgataatctt	gcagtgcata	1320
atctgaaggg	gtcattttct	aatgcttcag	gtttgtttga	aatccatgga	gcaacagtgg	1380
ttcccattgt	gagtgtgcta	gccccggaga	agctgtcagc	cagcactagg	aggcgctatg	1440
aaactcaggt	acaaactcga	cttcagacct	cccttgccaa	cttacatcag	aaaagcagtg	1500
aaattgaaat	tctggctgtg	gatctaccca	aagaaacaat	attacagttt	ttatcattag	1560
agtgggatgc	tgatgaacag	gcatttaaca	caactgtgaa	gcagctgctg	tcacgcctgc	1620
caaagcaaa	atacctcaaa	ttagtctgtg	atgaaattta	taacatcaaa	gtagaaaaaa	1680
aggtgtctgt	gctatttctg	tacagctata	gagatgacta	ctacagaatc	ttattttaac	1740
cctaaagaac	tgctgttaac	ctcattcaaa	cagacagagg	cttatactgg	aataatggaa	1800
tgttgtacat	tcatcataat	ttaaaattaa	attctaagaa	gaggctgggt	gcagtggctc	1860
acacctttaa	tcccagcact	ttggggganc	caaggcagga	agactgcttg	aaaccaggga	1920
gtttgagacc	agcctgagcc	aacaaagcaa	gacccccatc	tctataaaaa	ctaaaaaaat	1980
tagttgggca	tggtggcaca	tgctgtagt	cccagctact	ccagaggctg	agatggatca	2040
tctgagcctc	aggaggttga	ggctgcagt	agctgtgact	gcgccactgc	actccagtct	2100
gggacaacag	agcaagacc	tgtctta				2127

<210> 4291
 <211> 856

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (17)...(546)
<223> similar to gi498983 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4291

cccacgcgtc	cgacttttta	cagtaatcac	ttattttttt	gtggtaattg	gcattgcccc	60
aattttttatc	ctttatgaat	tggattcacc	actctgctgg	aatgaagttt	ttatagggtta	120
tggatcagct	ttgggtagtg	cctctttttt	gactagtttc	ctaggaatat	ggcttttttc	180
ttattgtatg	gaagatattc	atatggcctt	cattgggatt	ttaccacga	tgacaggaat	240
ggctatgacc	gcgtttgcc	gtacaacact	gatgatgttt	ttagccagg	tgccgttct	300
tttctactatt	gtgccattct	ctgttctacg	gtccatgttg	tcaaaagtgg	ttcgttcgac	360
tgaacaaggt	accctgtttg	cttggtattgc	tttcttagaa	acacttggag	gagtcactgc	420
agtttctact	tttaatggaa	tttactcagc	cactgttgct	tggtagcctg	gcttctacttt	480
cctgctgtct	gctggtctgt	tactacttcc	agccatcagt	ctatgtgttg	tcaagtgtac	540
cagctggaat	gaggaagct	atgaacttct	tatacaagaa	gaatccagt	aagatgcttc	600
agacagagcc	tgttaagctg	ctattgatag	tccgagctta	tatactgtga	cttctgaaga	660
ctatacatga	attccccaat	cagtgccttg	ttgatataaaa	atccttaaaa	gggaggcact	720
ttaaagaata	tgtatttttc	acttttctta	atatgtttca	tccgtgacag	gcatgataat	780
atttctatat	gtaatgggta	attgggaaaa	aatagatgat	aaataaaaatt	gctctaaaga	840
agttaaaaaa	aaaaaa					856

<210> 4292
<211> 1371
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1371)...(1131)
<223> similar to gi3413874 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4292

ttttttttta	agaagacagg	gatctcacac	tatgctgccc	aggctggact	cgaactacta	60
ggcccaaagc	catcctcctg	tgtaaaccac	cagagtagct	gggagtacag	gtgtgcacca	120
ccatgcctgg	gctttgtagc	atgtttaaag	gaacctagg	gatttagtca	aaagagaaca	180
ctgcatgaac	caaggcctca	ggtgcttctt	gctgccttca	ttccacaga	ggagaacaca	240
gggattttaga	ggagatggaa	acattttcta	ggcagttatt	gaataacgga	tctttggagg	300
agttcgtgga	gtagtgtaac	cagaaagtct	ttaaaattaa	acccatctta	atcgtttgta	360
agtgtagatg	gggggacttg	ggaaatctcc	ggggccta	catggctcgc	aaaaggagtg	420
acattaatag	ctttggagat	ggtgtcttcc	tctcctttcc	caggttaagt	tcaagcagta	480
acagcagagg	ttctacctcc	ttccatcgag	tctttaagct	ggaccggggg	gaaaataact	540

gtagggaaa	agaggcaagc	atccaaccca	ctcgagctgt	gggctgaçag	tccactggg	600
atcgccccat	ggagacaatt	gcaagtcttt	tgcatgagct	aaaccccgc	ccacatggaa	660
ccgaagggtgc	tcattgtcag	ctaccacgca	atgccattat	cacctttcag	cccaagtgcc	720
acagaccaac	actggctata	ctccaatgag	gtgtggcatt	cgggttcttc	tgccttcagg	780
tcacaacctt	tctgactcag	ctgggctaca	ttaaacctga	agctctgtac	aatgtggaga	840
gcggtgttgc	cttcattaca	agtgggtcag	cattggattt	tcaagtaagt	ctaagtgttt	900
ctattgtcct	taaaatgaca	tatgtccagt	tatttaaaaa	aattacaaaa	tacaaatgcc	960
cgtgttaatt	tagctagtct	cagacattac	attcgacaac	atagaaaagc	caaaagatct	1020
ccagttataa	gcacaaaact	aaggaaagt	atggatcagt	gacttttgtc	actaatccat	1080
tttctttttt	aagtcacctc	cctttatggc	cttgcttggc	tggtttttac	attgtgcagt	1140
acttgtctgt	tggaccctgg	ggaggtgggg	caggtcctat	ggtaggattt	gtttttggaa	1200
gaacagcagg	ttttggccta	agggtggag	gcttcagctg	cacgccatt	ctgggtgcc	1260
ccataggctt	gaaagtactc	attgtgtcac	tggaggagct	cgtgctacgt	cgaatctgag	1320
gctcggagct	cctgagggca	acgttgtgca	aagggtgag	agattccggt	c	1371

<210> 4293

<211> 2141

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1910)...(720)

<223> similar to gi5257133 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4293

tttttttttt	ttattacaaa	cgccagttgg	ttcctttttt	aattacattt	aaaaaagaca	60
aaggcatgga	gctgtatgga	tgacacacct	tgaccactga	cgaggaagat	ttcactcagc	120
cacgtctcag	tggagtctca	gaggggaggg	tttccacaca	gcacggtgcc	aagggccagt	180
cttgacgctg	tcatagacaa	tgacatgcaa	gccccagccc	tggtcctgtg	ttcaggtggc	240
cctccaacac	tgagctgtcc	cgggacgcct	gccgggctcg	ctgagggcag	ggccgggact	300
tgctcaggtt	gctgggtgtt	catgaaggag	gatcgggtct	gccagatcaa	actccaccct	360
gcagcaatta	gcaaggacca	ggccctggtc	tgctgaggct	ccactgctgg	ccctgggttc	420
tcggcttttc	gttgtcgatg	actcctacgc	tggcctctga	aatactccct	gtgtcttagt	480
tcaggggtga	agacacggaa	tatctttatt	gtcgagaaaa	aattaacttt	gcacaaaagg	540
aggtgctcat	cagagagctt	ttcaatgaga	cccccatgtg	ttccactaga	ggccctgctc	600
agcccagccc	gtgtcctccc	agcgtggggc	ccaccctgct	cattacgtac	attgaccaag	660
acccttcaac	ctcgtcccga	ccccagcacg	ggtgttcttt	gccacactct	tgttctagt	720
ttttcggatc	aagatgtccc	agetgtcttt	ccagcgaagg	gccttgagtt	catgtggcga	780
gagtgaactt	tccccgtagg	tgagtgggag	cagcgtgttg	gacacgtggc	acgcggagga	840
gtaccaggcc	accaccaggg	çgctgaagat	gctcctctgg	agctgggacc	tgacacaggt	900
gtcgctgatg	tgctgcagga	ccacagggag	cagaaggatt	tggaagggtga	gtgcgggcag	960
gtagtggtag	aggaagagt	tcttctccat	caggaagaac	gggaggtagt	tacttccca	1020
gccaccggca	cacagcggcc	cagccagcac	ccagcgagc	caggcatcct	gagggaggtc	1080
atggacattt	cttcgccgtc	ggagcaggta	ccacaaggac	agcagggcgt	agatggccag	1140
agcgaggctg	cccgaacccc	agatcactat	gtttccaagt	aggtggatct	gagcgctggt	1200
cctgggggtg	agccagtagg	caatattggt	gtccaggggtg	accactcca	gtgggctgga	1260
gctgtacttg	tgttccgagt	catcacttct	cagcgccagc	atcctccact	gcagctccga	1320
gaatctcgcc	atgaagctga	ggttctctgt	gacgtccacc	tgcgaggtg	agtgcagctc	1380

cagttccccc	ccccctctgt	cctggctcgc	gcggtatcgg	tgctcctcca	cgttccacac	1440
cgtgctcccc	tggtagcccc	gggacagctt	ctccccgacg	atctccagtt	gccgataccc	1500
ccagtcaggg	aggtgagccc	cgctcagctt	taagacagcg	gaagtgttca	cgtgcacaaa	1560
gcggacctct	gagaggatgg	tcttccagac	gtctgtgtca	gatcctctgt	tcacaatttc	1620
cagtctccag	aggttctggg	cgggcatgga	gatgttatag	tcaatgtagc	aggagacctc	1680
ctgtgaatgg	gggctcaggg	gggctgcaac	atcatgcgtg	ttcagggagc	gggtggteat	1740
gccgtggacc	agctgcacca	tgcccccggt	cctcacaggt	ctcggagggc	tgctcaccac	1800
cagctgggtgc	ctcctgggat	cctttacaat	ccaccagtta	ttgacgtctt	tgaaggggta	1860
acaggtcacc	tggtgctggg	gggagctgcc	tgggccgttc	tcatactctgt	gtgaagtcaa	1920
caaagagatg	tatctggggc	aggcgcggtg	gctcaggcct	gtaatcagag	cactttggga	1980
ggctgaggta	ggataactgc	ttgagcccag	gagtttgaca	ccagcctggg	caacatagtg	2040
agacctgtg	tctatttatg	agaaaaagaa	aagaaaggaa	aagaaacgta	tctggaagtg	2100
ggtaatcgat	cgggcccaca	cgcctttctc	ctaaaacgaa	a		2141

<210> 4294

<211> 1456

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (29)...(993)

<223> similar to gil665761 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4294

cgacgcagtg	tcgtggaatt	ccccactggg	ccagtataag	ctgacctttg	acaaagccag	60
agaggcctgt	gccaacgaag	ctgcgaccat	ggcaacctac	aaccagctct	cctatgcccc	120
gaaggccaag	taccacctgt	gctcagcagg	ctggctggag	accgggaggg	ttgcctaccc	180
cacagccttc	gcctcccaga	actgtggctc	tggtgtgggt	gggtagtggt	actatggacc	240
tagacccaac	aagagtgaag	tggtggatgt	cttctgctat	cggtatgaag	atgtgaactg	300
cacctgcaag	gtgggctatg	tggtgagatg	cttctcatgc	agtgggaacc	tgctgcaggt	360
cctgatgtcc	ttccccctac	tcacaaactt	cctgacggaa	gtgctggcct	attccaacag	420
ctcagctcga	ggcctgtcat	ttctagaaca	cctgactgac	ctgtccatcc	gcggcaccct	480
ctttgtgcc	cagaacagtg	ggctggggga	gaatgagacc	ttgtctgggc	gggacatcga	540
gcaccacctc	gccaatgtca	gcatgttttt	ctacaatgac	cttgtcaatg	gcaccaccct	600
gcaaacgagg	ctgggaagca	agctgtctcat	cactgccagc	caggacccac	tccaaccgac	660
ggagaccagg	tttgttgatg	gaagagccat	tctgcagtg	gacatctttg	cctccaatgg	720
gatcattcat	gtcatttcca	ggcctttaaa	agcaccacct	gcccccgtag	ccttgaccca	780
cactggcttg	ggagcaggga	tcttctttgc	catcatcctg	gtgactgggg	ctgttgccct	840
ggctgcttac	tcctactttc	ggataaacgg	gagaacaatc	ggcttccagc	atcttgagtc	900
ggaagaggac	attaatgttg	cagctcttgg	caagcagcag	cctgagaata	tctcgaaccc	960
cttgatgag	agcacaacct	cagctcccc	agaaccttcc	tacgacctct	tcagggactc	1020
tgaagaacgg	cagcttgagg	gcaatgacct	cttgaggaca	ctgtgagggc	ctggacggga	1080
gatgccagcc	atcactcact	gccacctggg	ccatcaactg	tgaattctca	gcaccagttg	1140
ccttttagga	acgtaaagtc	ctttaagcac	tcagaagcca	tacctcatct	ctctggctga	1200
tctgggggtt	gtttctgtgg	gtgagagatg	tggtgtgtg	cccaccaggt	acagcttcc	1260
cctctgaccc	tttggtctct	cttcttttgt	actcttcagc	tggtacactgc	tccattctgc	1320
cctacatgat	gggtaactgt	gatctttctt	ccctgttaga	ttgtaagcct	ccgtctttgt	1380
atcccagccc	ctagcccagt	gcctgacaca	ggaactgtgc	acaataaagg	tttatggaac	1440

<210> 4295
 <211> 1600
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (11)...(1200)
 <223> similar to gil504042 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4295

ggcagcaggt	ttgaaccatg	agtggacatt	tgaaaaactc	aggcagcaca	tttcacgcaa	60
cgcccaggac	aagcaggagt	tgcatctggt	catgctgtcg	ggggtgcccg	atgctgtctt	120
tgacctcaca	gacctggatg	tgctaaagct	tgaactaatt	ccagaagcta	aaattcctgc	180
taagatttct	caaattgacta	acctccaaga	gctccacctc	tgccactgcc	ctgcaaaaagt	240
tgaacagact	gcttttagct	ttcttcgcga	tcacttgaga	tgcccttcacg	tgaagttcac	300
tgatgtggct	gaaattcctg	cctgggtgta	tttgctcaaa	aaccttcgag	agttgtactt	360
aataggcaat	ttgaactctg	aaaacaataa	gatgatagga	cttgaatctc	tccgagagtt	420
gcggcacctt	aagattctcc	acgtgaagag	caatttgacc	aaagttccct	ccaacattac	480
agatgtggct	ccacatctta	caaagttagt	cattcataat	gacggcacta	aactcttggt	540
actgaacagc	cttaagaaaa	tgatgaatgt	cgctgagctg	gaactccaga	actgtgagct	600
agagagaatc	ccacatgcta	ttttcagcct	ctctaattta	caggaactgg	atttaaagtc	660
caataacatt	cgcacaattg	aggaaatcat	cagtttccag	cattttaaac	gactgacttg	720
tttaaaatta	tggcataaca	aaattgttac	tattcctccc	tctattacce	atgtcaaaaa	780
cttggagtca	ctttatttct	ctaacaacaa	gctcgaatcc	ttaccagtgg	cagtatttag	840
tttacagaaa	ctcagatgct	tagatgtgag	ctacaacaac	atttcaatga	ttccaataga	900
aataggattg	cttcagaacc	tgacgcattt	gcatatcact	gggaacaaag	tggacattct	960
gccaaaacaa	ttgtttaaat	gcataaagtt	gaggactttg	aatctgggac	agaactgcat	1020
cacctcactc	ccagagaaaag	ttggtcagct	ctcccagctc	actcagctgg	agctgaaggg	1080
gaactgcttg	gaccgcctgc	cagcccagct	gggccagtgt	cggatgctca	agaaaagcgg	1140
gcttgttgtg	gaagatcacc	tttttgatac	cctgccactc	gaagtcaaag	aggcattgaa	1200
tcaagacata	aatattccct	ttgcaaattg	gatttaaact	aagataatat	atgcacagtg	1260
atgtgcagga	acaacttcct	agattgcaag	tgctcacgta	caagttatta	caagataatg	1320
catttttagga	gtagatacat	ctttttaa	aaaacagaga	ggatgcatag	aaggctgata	1380
gaagacataa	ctgaatgttc	aatgtttgta	gggttttaag	tcattcattt	ccaaatcatt	1440
tttttttttc	ttttggggaa	agggaaggaa	aaattataat	cactaatctt	ggttcttttt	1500
aaattgtttg	taacttggat	gctgccgcta	ctgaatgtta	acaaattgct	tgcttgctaa	1560
agtaaatgat	taaattgaca	ttttattact	aaaaaaaaaa			1600

<210> 4296
 <211> 1351
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1352)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1310)...(316)
 <223> similar to gi4929575 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4296

agagttaatt	atgtctttga	taaaagactc	aaatccagaa	ctgggggttga	gaaaaaaaaa	60
tcaagactgt	ttcatagggt	ataaaaagac	agatgcaacc	atacatttaa	tttttaaaaa	120
tggaatgtat	cttacataag	gattttgtga	aaaatcttat	acctatctga	gtattacaga	180
agatgcatat	accttcagaa	gctcatggag	gaaagagtgt	ataaacaatt	ttgataagga	240
gttgaaaaac	aatttgaaaa	tagtttacaa	agagagaatc	aggaggcaga	aaaagcttca	300
agaggcatgg	tcttcagaaa	ttgttctgga	atgctgtttc	acttgatcgc	atgtcatgtt	360
cctggttcaa	tttcttgaa	tccaccactt	ggaagaagac	gtgctcaagg	atatgtttgg	420
catcctgttg	gtcctttggg	agtttactgg	ttactccaag	aatatcacca	cacttcctga	480
cataaaattc	caggtcttct	tcagtacact	tattggtaat	ctgagccagc	cgtgccttct	540
cagaggagaa	cgtttcatct	aaatcaaata	gctccagagg	aggaggtggt	aactcccgga	600
aactgggagg	aaaaaccgca	ggctgaaggg	ttggcagcgg	cgtctcaaac	tgaggctgga	660
tgagctggag	tggttcatgt	ttcacattta	gctgctcgtg	agcctcgatg	acgctgtgga	720
aggaggtggt	atccagctgg	aagatggaca	ggtcgaagag	ggtggtaaag	tcccttgggg	780
tctcatcact	ctcctggaga	cactctcgat	tccgctttga	taggggtggc	gtgtagggca	840
gcatcatgta	gtcagaaatc	tctgggtcct	cagcatcaat	ctggtttagg	tggatgtctc	900
ctgtcgtgag	ccactggaaa	acaacatcca	tgattttgct	gttttcttct	ttgtccaaat	960
attgatcact	gaacatgtga	catgaaccaa	gcactgccag	cttcccacct	tggttctttg	1020
agtgatagaa	agccaaaatg	ggtctgttaa	gtgggaagca	gacagaacct	gtagacagaa	1080
ccgccactgc	tggtttcatg	acactcaatg	tggcaccaaa	aggatacaca	aaggtgagag	1140
cctgggcatt	gtttccactg	ctttcctcat	caatgatccc	aggcacagcc	tttctgcag	1200
ctcggcta	ttccctgttc	aagactccac	tggaaactag	agcttcttta	ggatggaaat	1260
atttgtgata	tacatttcta	accacagcat	cattattaac	catgattccc	ctcgtgccaa	1320
gcttggcgta	ngcaggtcca	tcaagtttca	t			1351

<210> 4297
 <211> 1244
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (80)...(319)
 <223> similar to gi3452572 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4297

ggcacgagtg	catctttatc	atgagtaaag	cttagaaata	atcaggtact	ttaacttgta	60
ctggttcttt	catggaaaag	gaccaaactc	ttaccagga	tctactggag	cagctgttgg	120
agcccatgac	gcctgtcggg	atgcaaaaga	gaagcgctct	aaaagccaag	atgcagattc	180
acctggaagt	tctggggccc	ctgaaaactt	gacattcaag	gaacgccagc	gtcttttttc	240
acaaggtcaa	gatgtatcca	ataaagtga	agcttctcgt	aaattaacag	aactggagaa	300
tgaactgaac	acaaagtga	agaaaatgag	gagaacactt	tgtatttacc	ccaaaatctt	360
ttcagttgtg	ggttttagg	tgcgagtttg	aagaggaaaa	gaggaagggg	gttatatttc	420
taagtgattt	acaatttctg	tttctaaaat	tgttgggatt	tagaaatggt	tcaattccaa	480
gaaattttat	tttactttac	catgagattg	ccatttatgt	aatttaaaca	ctgtctagtt	540
tcttaattat	ctaactcaca	cgagggttaag	ttttttgttg	gtttcttttt	tggagtccctg	600
agttcaaagg	ggacagaact	aagggcagga	gaagagaatg	gatgtgtctt	ctctcccatc	660
ttcccctcat	catcgaccga	ggagcacaaa	gaagttctgt	ttctgttttt	ttcagaaact	720
ttatttttagc	tgtcaagcag	agaatagctt	gaactattca	gactattggt	ggcactgttt	780
agtagtgacc	acacgctctt	ctacccgga	aggaacatat	gacgacatgc	tcctcccatg	840
tcccctgatg	gtgtctgttc	ccacaatatc	cttctagtct	gcatcgtgaa	gtggcttagg	900
ccaaagcttc	ctgtgtgatg	acgcacgtcc	gagactgttc	catctcattc	ctcgcaaatt	960
tgagctcttc	tgatcaattc	taaatatttg	attaatttta	attctgaaag	aaaattttga	1020
ggattttaagc	ttaggggatt	ttatttttat	aaataccaga	ttattgtag	acttaataaa	1080
tcactgttaa	atttaaagat	gacagttacc	ttggaaagtt	cactaatact	tcggctccag	1140
ggcgtctgtt	aaaggaggat	atctttattg	ggagccaatg	tttcatgtgg	actggggaat	1200
tgaccagaag	aatgggagat	gagtagggac	ccctgttacc	attc		1244

<210> 4298

<211> 2448

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1783)

<223> similar to gi5262557 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4298

gagactgaca	atgatttgac	aaaggaaatg	tatgaaggaa	aagagaatgt	atcatttgaa	60
cttcaaagag	acttttccca	ggaaacagac	ttttcagaag	cctctcttct	agagaaacaa	120
caggaagtcc	actcagcagg	aaatataaag	aaggagaaga	gcaacaccat	tgatggaaca	180
gtgaaagatg	agacaagccc	cgtggaggag	tgttttttta	gtcaaagttc	aaactcatat	240
cagtgtcata	ccatcactgg	agagcagccc	tctgggtgta	caggattggg	gaaatccatc	300
agctttgata	caaaactcgt	gaagcatgaa	ataattaatt	ctgaggaaag	acctttcaaa	360
tgtgaagaat	tagtagagcc	ctttaggtgt	gactctcaac	ttattcaaca	tcaagagaac	420
aacactgagg	aaaagcctta	tcagtgttcg	gagtgtggca	aagctttcag	cattaatgag	480
aaattaattt	ggcatcagag	acttcacagt	ggggagaaac	ccttcaaagt	tgtggagtgt	540
gggaaaagct	tcagctacag	ttcccattat	atcacacatc	agacaatcca	cagtggggag	600
aagccctatc	agtgtgaagat	gtgtgggaag	gccttcagt	ttaatggaag	cctaagtagg	660
catcagagaa	tccatacggg	agagaagccc	tatcagtgc	aggaatgtgg	aaatggcttc	720
agctgtagtt	ctgcatatat	tacacatcag	agagtccaca	ctggagagaa	accttacgag	780
tgtaatgact	gtgggaaagc	gttcaatggt	aatgcaaaat	taattcaaca	tcagagaatc	840

catactggag	agaaacctta	tgaatgtaat	gaatgtggaa	aaggcttttag	gtgcagctcc	900
cagcttaggc	agcatcagag	catccacaca	ggagaaaagc	cctatcagtg	taaagagtgt	960
ggaaaaggct	tcaataataa	tacaaaactc	attcagcatc	agagaatcca	cacaggtgag	1020
aaaccctatg	aatgcactga	atgtggaaaa	gccttcagtg	tcaaagggaa	gttaatccaa	1080
caccagagaa	ttcacacagg	cgagaaaccc	tatgagtgt	atgaatgcgg	gaaagccttc	1140
agatgtaact	cccaatttcg	gcagcatctg	agaattcaca	ctggggagaa	gccctatgag	1200
tgtaatgagt	gtggaaaggc	cttcagcggt	aatgggaaac	taatgcggca	tcagagaatt	1260
cacactgggg	agaaaccttt	tgaatgtaat	gagtggtgga	gatgctttac	ttctaaaaga	1320
aacctacttg	atcatcaccg	aatccatact	ggagaaaagc	cctatcaatg	taaggaatgt	1380
gggaaagcct	tcagtatcaa	tgccaaacta	actaggcatc	agaggatata	tactggggag	1440
aaacctttca	aatgtatgga	atgtgagaaa	gcattcagct	gtagttctaa	ctatatgtgt	1500
caccagagaa	tccatacagg	agagaaaccc	tttcagtgt	aggagtgtgg	aaaagccttc	1560
catgttaatg	cccatttaat	tcggcatcag	agaagccaca	ctggggagaa	acccttcaga	1620
tgtgtggaat	gtggcaaagg	cttcagcttt	agttctgact	acattataca	tcagacagtc	1680
cacacttgga	agaaacctta	tatgtgtagt	gtgtgtggga	aagcattcag	gtttagcttc	1740
cagctcagtc	agcatcagag	tgtccatagt	gaaggaaaat	cctaataatg	agaaagatat	1800
agaaaactct	taaggttaat	gccaaaatgg	atcaagtatc	atcagattca	tccattgaaa	1860
aacctccaag	agggcatgaa	tatggcagag	tcttcatatg	gaaacagttt	ttattctatt	1920
cagtttaaat	caggaaagga	tgaccagtta	aagagaaaca	tccaaaaata	gctttgtttt	1980
gtaccaacag	gaattagaaa	atataatgaa	aagatttcgt	tcccagcagc	atcaagaaaa	2040
gtagattttc	tagaaataaa	cagttatgga	ggacttgat	ggagaaattt	aagtcttcac	2100
tgagggccac	tttaciaaagg	aaatttgaat	aaatggagag	agagagaagc	cttggtgttg	2160
gataggaaaa	cccgtactaa	agatactcta	cctacattaa	tttatttggt	taatttttga	2220
caacaagcat	gtattacttt	tgaaaagatg	aaaaataaag	ttttatttaa	aaaaggaaaa	2280
aggtatgagt	acatttttaa	ttttcatgta	attgagaaaa	cctttctaag	tattagatga	2340
aagctagaaa	ctatccacag	ggtatgtact	gataaattga	ctactcaaaa	actaaatatt	2400
cctgtatgtt	tttgttttaa	agtttaaaag	ataaagcgca	aaatgggg		2448

<210> 4299

<211> 1822

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1375)

<223> similar to gi4529890 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4299

ctgggcccct	ggtgctggtg	ctgatcctgg	gagtgctggg	cgtgctggca	tacggcatct	60
actactgctg	ggaggagtac	cgagtgcctg	gggacaagg	cgcctccatc	tcccagctgg	120
gtttcaccac	caacctcagt	gcctaccaga	gcgtgcagga	gacctggctg	gccgcccctga	180
tcgtgttggc	ggtgcttgaa	gccatcctgc	tgctgatgct	catcttcctg	cggcagcgga	240
ttcgtattgc	catcgccctc	ctgaaggagg	ccagcaaggc	tgtgggacag	atgatgtcta	300
ccatgttcta	cccactgggc	acctttgtcc	tcctcctcat	ctgcattgcc	tactgggcca	360
tgactgctct	gtacctggct	acatcggggc	aaccccagta	tgtgctctgg	gcaccaaca	420
tcagctcccc	cggctgtgag	aaagtgccaa	taaatacatc	atgcaacccc	acggcccacc	480
ttgtgaactc	ctcgtgcccc	gggctgatgt	gcgtcttcca	gggctactca	tccaaaggcc	540
taatccaacg	ttctgtcttc	aatctgcaaa	tctatggggg	cctggggctc	ttctggaccc	600

ttaactgggt	actggccctg	ggccaatgcg	tcctcgctgg	agcctttgcc	tccttctact	660
gggccttcca	caagccccag	gacatcccta	ccttccccctt	aatctctgcc	ttcatccgca	720
cactccgtta	ccacactggg	tcattggcat	ttggagccct	catcctgacc	cttgtgcaga	780
tagcccggt	catcttggag	tatattgacc	acaagctcag	aggagtgcag	aaccctgtag	840
cccgtgcat	catgtgctgt	ttcaagtgt	gcctctggtg	tctggaaaaa	tttatcaagt	900
tcctaaaccg	caatgcatac	atcatgatcg	ccatctacgg	gaagaatttc	tgtgtctcag	960
ccaaaaatgc	gttcatgcta	ctcatgcgaa	acattgtcag	ggtggtcgtc	ctggacaaag	1020
tcacagacct	gctgctgttc	tttgggaagc	tgctggtggt	cggaggcggtg	ggggtcctgt	1080
ccttcttttt	tttctccggt	cgcaccccg	ggctgggtaa	agactttaag	agccccacc	1140
tcaactatta	ctggctgccc	atcatgacct	ccatcctggg	ggcctatgtc	atcgccagcg	1200
gcttcttcag	cgttttcggc	atgtgtgtgg	acacgctctt	cctctgcttc	ctggaagacc	1260
tggagcggaa	caacggctcc	ctggaccggc	cctactacat	gtccaagagc	cttctaaaga	1320
ttctgggcaa	gaagaacgag	gcgcccccg	acaacaagaa	gaggaagaag	tgacagctcc	1380
ggccctgate	caggactgca	ccccaccccc	accgtccagc	catccaacct	cacttcgcct	1440
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gcctggccaa	catggtgaaa	cctccgtctc	tattaaaaat	acaaaaatta	gccgagagtg	1620
gtggcatggc	acctgtcatc	ccagctactc	gggaggctga	ggcaggagaa	tcgcttgaac	1680
ccgggaggca	gaggttgtag	tgagccgaga	tcgcgccact	gcactccaac	ctgggtgaca	1740
gactcttgtc	tccaaaacaa	aacaaacaaa	caaaaagatt	ttattaaaga	tattttgtta	1800
actcaggtaa	acaaaaaaaa	ac				1822

<210> 4300

<211> 1883

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1361)...(675)

<223> similar to gi3043548 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4300

tttttttttt	ttgccaatca	aagcacacaa	ctttattgat	gatacacaca	gatgoggact	60
tgggtggaag	aggttaagtc	ggtacaatag	accagaagag	cagtgcactt	tttttgatga	120
ataggttcac	tatccatcag	gcgcgtgtag	aagaaagagc	aaacggaaaa	ataattcaac	180
ctaaggctgc	aacaaatgca	ttttcaggct	caagcccgcg	atattgcctc	tgggtctctg	240
gcaaagcggg	tcccgccttg	ggacagggga	gaccacccac	caggccaacc	aataggcact	300
cgtggatgct	ggttaatttga	tgttctcccg	tccacaggca	gggcagctgg	aagttgatcc	360
cctccaccac	atggaaggag	gctggcaagg	ggaggaattt	tacaatggcc	aacatttgcc	420
ttgcaagact	tgacaaccc	aagaagttaa	ctcaaaagct	ctgttgggga	gccccctggc	480
tgggccaaata	aggagtgtgg	tccctggatt	gaacccctgg	aactttccac	cccaatgaag	540
gtggtgaatt	ggcctaaggc	tggatcttca	gtagcaccc	ctgcagattc	tttgacatct	600
gcaaaccaag	cgcgttgttg	gtggattccg	tcccattgtg	ttcgagagg	ccgtttatgg	660
ggcaggggtt	tccaggagaa	tctctctggt	tccatttctg	ataaagagg	acatgaatga	720
gaagagcatc	tgggcaccga	ctaactcccc	cgccaagact	ggcttttcag	acaaacccat	780
cagcggtttc	aaaacctgaa	ccttagcaca	tccacttccc	tctgatata	aaggaaactt	840
caagtctgaa	gcggacttgg	caagcatggt	attaataact	gtcatgctta	ttacaaatt	900
taatccggcc	tgctgcagaa	atgagttgca	gcaacgtgac	acagtctccc	gacacacttc	960

attgatgtac	atcttaatct	ggccctgact	ttcaatactc	gcatttaagt	tatccggggc	1020
acacaaagcc	tctctaacag	tggggctctg	agtggggctc	gtgtttctag	ccattgagag	1080
gctggccaaa	tggctattga	tatcctggct	aaatggaaa	cccgcaccc	tgggctcggc	1140
aaacaacagt	ttccctgaa	tgaaaagaca	cttgagagag	tccagaacac	aactgccatt	1200
tttacaattt	tgagcactcc	aagtattttt	atgttcata	gggaatggcc	gctgttttat	1260
tgggtgtgct	cggttggcct	tgcctcccc	tgagggcctg	tcctcagtc	cacctggggc	1320
cccaggttca	gtccaatccc	catcctcagt	ccagggccga	gccatagttt	caaaatcaaa	1380
ccaaatatca	ggctcctcct	catccagctc	ctggtcacg	tcccactcct	cttccccctc	1440
ctcctccagc	ttctcactgt	catctcttcc	tatggtcagt	ttgtaaagc	agtagcagge	1500
accagcccca	atcatcagtc	ctgccgccat	ccaaccact	tcccagagcc	ggcccatgct	1560
caagtctgtg	ccagccttgg	ggcaggacag	gagaggccct	tgctccacct	gattgaagag	1620
gtctctcagg	tccaggggtg	gtaaggatgg	agggtagcag	tcttcagctt	cttccaggct	1680
cttgtagctc	tcttgtagtg	aatctgcaag	gttccaacca	aggcagtttt	ctccttctct	1740
cgctgaaact	tgtgccgaaa	cctacaggcc	aacagacct	caaacctgca	cggtccgagc	1800
tagtttctct	ctttcttcac	acgcctgcag	agtaatagg	ggctggtacc	cagacggagg	1860
cgactagcag	gacttgtgct	tta				1883

<210> 4301

<211> 1901

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1639)...(26)

<223> similar to gi4426607 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4301

tttttttttt	tttaagactc	tggtatgatt	ttatttcttc	aattgttcca	atcacagttt	60
ctaatacaga	aataaaacta	ttcagcgtct	ccgttcttgc	ttcattttgt	ttcacagaga	120
tctgcatttc	tgagtttcca	ggctccaata	gcagttctgt	taagaacaga	cagccagtat	180
catcctgagc	actgaggtat	gctttccatg	gccgagacct	agccctactc	attgcgatgg	240
tctggatggt	cactacttga	agagccatct	ggagggtgtc	aggatggaat	tctccccgcc	300
aaggcaacac	ttgctgatga	gcaactttaa	ggctaagcca	agttttctca	aaataatcag	360
cagtaagctg	gcgattgggg	actagcatga	gggctccaga	atcaggagg	tcttgtaccc	420
tctccttggt	ctcttcagga	atcaagggtc	ctgatgcggc	aaaggatgaa	gttttaggaa	480
gctctgggtc	acaacgctct	gccccctggc	atttagagat	agttgccag	tgggctttgc	540
cataactgg	caccagtgtg	ttgaagtctg	aggcccagct	attcacaggt	ctttctgccg	600
gatoctccaa	aagtccaaga	gtagggtcag	atttagggct	acacagaatc	cgcttaactt	660
catcaatgcc	aactaagagg	aggcgataat	agaagagacc	tcgggtcccgt	acagccatat	720
ctttttcttc	ctctatgcag	taatacaaca	aacgtcctag	catgtcctgg	cactcagcag	780
gtcgggagag	gaaaaggcgc	agcaaagcag	tgagcagctc	catcttaaca	gctggaaatg	840
tttccgactt	cacattctca	acaaagtcct	ctaacacata	aggagcatta	ggaattcttt	900
ccccatggac	accaagtagc	caaataagtg	cttgcttccc	ctcactatct	tgaatgttct	960
cttcacagcc	gggcaggggc	tgacatacag	cttcagtaca	ctgaggacac	aaccaaacca	1020
ggtctcgga	agtctgcacc	accactgtgg	taatgtgctc	ttgtcgaaga	cccagcaact	1080
ctgttaaaat	ctgaacacat	tgatctgtgt	aagtcctggc	aatgccacct	atggcaaaga	1140
tggcagcctg	tgcaaagtc	gcagacacat	ccgtgcagta	ccctcgaagc	tcctctagca	1200
cctgctgcac	attctcatcg	ttcaccagtt	cacacagcac	ctccactttc	tgtagtttga	1260

tgtagtgggg	ctccgagtag	gagcaaaaaa	actttttgta	gtggctgcta	aagtgacctg	1320
gtaaaactatg	caagatctgg	cgtacatgac	aaagagcaac	aaaacagagc	tcacggctct	1380
ctgaagaaca	ggcagctagc	aaagggtccct	tgacccgcac	aaggacatca	gtttgtacgt	1440
ggggaaacat	ttttgccaag	atcagaaaaa	gtttggtagc	tcccatcacc	acacctgggc	1500
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ggggttggtg	gcgtagcaga	aagttcaata	cttcagcctg	gccccattgg	tccagttttg	1620
acattctatc	caaaaaagaa	aacaaaagag	ctatttttagc	aacaaaatta	ggaccatttc	1680
catgccactg	ccatatgacc	aggtggttgt	tcatcatagc	aaagggagaa	ttcttaaaaa	1740
taggctgtgc	cataattaag	tcacttttca	tgtactatct	aaagtttaca	caaaaaaggc	1800
ttaaaattcc	aagatgagtt	gttaatacaa	atgcacactc	ctctaagacc	aaagacatga	1860
tcagcataca	ctgggtccag	gttccttaca	ttttaagaca	c		1901

<210> 4302

<211> 2458

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2182)...(1728)

<223> similar to gi289610 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4302

ctgcgctggc	cctaaagttt	cttacttttt	aaagaaaaca	acttttggtg	ggattatgaa	60
tatacttagg	agggttaaagt	gtgaaatgag	gcaggacttg	gttaggtgaa	aagtagcatc	120
ttattttggg	taatattata	atttatgttt	tttagacttc	ccttagaaat	ttttttaaaa	180
tatacatatg	gcacccctga	actcccttaa	actcttttat	ttgtataaat	ttatagggtg	240
ccagtacaat	tttattttcat	gcataaattg	tgtagatgaa	cccaagttct	atgtaaattc	300
tgtgtatgta	gattttttctg	gggagagggg	ctagttttct	catgacccat	aaaaatttaa	360
taaatactat	cttaggggtat	aaagattatg	aattaaaagt	ttaccaattg	ttatgttata	420
agcaagggtg	aggtcagtg	ggtacagaac	tttcaagaca	gaataggatc	atctgtttta	480
aattttttac	agaaaattgc	cacctttaat	aatgtaaaaa	cagtgattaa	tcaggaatga	540
taaagcaaga	aattcttagg	aaagctacaa	aatgatagaa	tgtatccagg	gaagttatct	600
caactgtgat	atttggtctt	aaattcaatt	attattaggt	aaactgagtg	agttctacct	660
tgtttctaga	atttgtaagt	tattctgagt	aaagcctctt	ccattgactt	ggccacattg	720
cccacctttg	attttatata	taatagttct	ttcaacttag	attgcaaacg	atgagaactg	780
agttttttaa	accacttaca	atctggaaca	tttcctttta	ttcctggtga	ccggggaatg	840
cagaggtgtg	gctgttatct	ctttctgact	gctgcagccc	acagggagag	ctaatacatg	900
agaatagttt	tacagaaact	tgtatgaaat	cttaatttta	ttagcatggg	ctggtaaacg	960
ctgattttta	gattggacaa	ttctgccagg	aggaatagct	caactcacac	atctgatgcc	1020
gctggctttc	aaaacataag	tggaaatgaa	aaattattgc	actgcatata	ctgcctctgg	1080
aacataatgg	agacaaaaga	gggcttaata	ggatggctca	tttcaaatag	ctaggtttct	1140
gcaaaacaaa	tataattttg	agtttattcc	ccctactgaa	aatactcata	cagtactcca	1200
agttggtaaa	atttattcta	catttaaatt	cagaaaagtca	gaatttcagt	gtgtattaca	1260
atccaacggc	atttctatct	ctgctgaaga	ttttcattgt	tcagcttcag	atctccttgc	1320
atgaagactc	agggtcacaa	gaggaacatg	gatccaaata	ttcattttgc	tcaacttggt	1380
agggtccact	gctccaaagg	actgaagata	tagcaatgta	cagaaaggaa	gactatggaa	1440
acccatccac	agcttgtaaa	ctcgccacta	tcctttatgt	tttgtgcatg	aggaaaggaa	1500
caaatttgat	tccccacaac	actttttgct	tgtcattccg	tctgcaaggt	aaaatctggg	1560

ttgaaattcc	aaagtccaaa	gaagccttct	taaccaaaca	aatgccctcc	aaaagaagga	1620
aaataacatc	aggtctgata	tcaaagagga	gttttgagcc	tgtagagatg	aattcagaag	1680
acggagcttt	caccgcctc	cctgggccat	gatggcagct	ctttttagta	aacagtgcac	1740
cagttgctgc	catcacttgg	catcagccct	ccagtaatta	gcaaaataag	gtcaacaaac	1800
caccaaattc	caagtcctcc	aagcgtcaac	agcttcccta	ctgcagtgcc	agtgtgtccc	1860
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aagtagtgtc	cgggtatactt	tatacaagggt	ttattttctc	gtagaaagggt	cctaggactg	1980
gcacactcaa	ttccatctaa	ggcatggcac	tggactgaag	tgtgttccac	gtcgtgttag	2040
gcctgaccgc	cgaacttgag	acaaccataa	ccaagttcct	gggatgcagt	tgcatttcca	2100
acatgatcca	ctgggtcttc	acattctata	aattcatcag	gtaggtaaga	gcagaggatg	2160
accggagagt	gggggtcgcc	atattccccc	ctcgcagcac	ccccggggcc	ctccggctgg	2220
gcggcgccag	cggatgtgag	ctcaggctca	gcggtcgcac	tttgcgagtg	gctccgagac	2280
acacaatgca	gcagaagtaa	attccccage	agcaaagccg	cctggccgca	cagaagtaag	2340
taactaaccg	ggcaaccacc	tagcaccatc	ttcccgggca	caggagcgga	gaccggcct	2400
caaccacaac	cccaggccag	cagcacagac	ccaagaactg	cgtggtcagg	ccacgaaa	2458

<210> 4303

<211> 3555

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1648)

<223> similar to gi5777948 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4303

atggctgagg	actggctgga	ctgcccggcc	ctgggcccctg	gctggaagcg	ccgcgaagtc	60
tttcgcaagt	caggggccac	ctgtggacgc	tcagacacct	attaccagag	ccccacagga	120
gacaggatcc	gaagcaaagt	tgagctgact	cgatacctgg	gccttgcgtg	tgatctcacc	180
ctcttcgact	tcaaacaagg	catcttgtgc	tatccagccc	ccaaggccca	tcccgtagcg	240
gttgccagca	agaagcgaaa	gaagccttca	agggccagcca	agactcggaa	acgtcagggt	300
ggaccccaga	gtggtgaggt	caggaaggag	gccccgaggg	atgagaccaa	ggctgacact	360
gacacagccc	cagcttcatt	ccctgtcctt	gggtgctgtg	agaactgtgg	aatcagcttc	420
tcaggggatg	gcacccaaag	gcagcggctc	aaaacgttgt	gcaaagactg	tcgagcacag	480
agaattgcct	tcaaccggga	acagagaatg	tttaagcgtg	tgggctgtgg	ggagtgtgca	540
gcctgccagg	taacagaaga	ctgtggggcc	tgtccacct	gcctcctgca	gctgccccat	600
gatgtggcat	cggggctgtt	ctgcaagtgt	gaacggagac	gctgcctccg	gattgtggaa	660
aggagccgag	ggtgtggagt	atgccggggc	tgtcagaccc	aagaggattg	tggccattgc	720
cccattctgc	ttcgccctcc	ccgccctggt	ctcaggcgcc	agtggaaatg	tgtccagcga	780
cgttgccctac	ggggtaaaca	tgcccgcgcg	aaggaggagct	gtgactccaa	gatggctgcc	840
aggcggcgcg	ccggagccca	gccactgcct	ccaccacccc	catcacagtc	cccagagccc	900
acagagccgc	acccagagc	cctggccccc	tccgccactg	ccgagttcat	ctattactgt	960
gtagacgagg	acgagctaca	gcggctgctg	cccagtgtct	ggtcagagtc	tgaggatggg	1020
gcaggatcgc	ccccacctta	ccgtcgtcga	aagaggccca	gctctgcccg	acggcaccat	1080
cttggcccta	ccttgaagcc	caccttggct	acacgcacag	cccaaccaga	ccatacccag	1140
gctccaacga	agcaggaagc	aggtgggtggc	tttgtgtctg	ccccgcctgg	cactgacctt	1200
gtgtttttac	gggaaggcgc	aagcagtcct	gtgcaggtgc	cgggccctgt	tgcagcttcc	1260
acagaagccc	tgttgcagga	ggcccagtgc	tctggcctga	gttgggttgt	ggccttacct	1320

caggtgaagc	aagagaaggc	ggataccag	gacgagtga	caccaggcac	agctgtcctg	1380
acttctcccc	tattggtgcc	tggtgcctt	agcaaggcag	tagaccagg	cctgccttct	1440
gtgaagcaag	agccacctga	cccagaggag	gacaaggagg	agaacaagga	tgattctgcc	1500
tccaaattgg	ccccagagga	agaggcagga	ggggctggca	caccctgat	cacggagatt	1560
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cttaaaaaac	ctggagctag	aaagcagtag	actggaggct	tctacagact	gtaggattca	1680
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tagattgggt	gccagggtt	gtgtgtgaat	caaccctagg	aggaaaaacc	tactacaaa	1800
ccagaagagc	aggcctaaga	gtactttgag	cttctagaag	aagtaagcgg	gaaaggaaga	1860
gaaagagtag	aaagtgtgtg	catcttctcc	tcccaagag	cctgagtata	agaagttgga	1920
ttttaagggt	gggggagctg	ggttgagaa	aggtaatata	attaaagcca	ccacaaaaca	1980
acctaaacaa	gccatgttca	tgagtaattg	taagtggctt	ctggatgaga	cctggcagtg	2040
tctctacata	cttcctcagg	gagatagcaa	ttgaaaatgt	aattgaataa	ataaggaaag	2100
gaactgctat	ttggtgtgtt	cctctgtgga	cccagtttat	ttaatcctta	aaataatatt	2160
tttggaaga	cattgatttt	gtccatttat	gtggatggga	aaactgagac	tcattaattt	2220
gtccaatgtc	gaacagctgg	tgtagtaga	gcctagactc	aaaccagct	tttaaagccc	2280
ttgttcttta	ctccactaaa	ctgtaacctg	taatcctgta	tgactaaca	ggagttttcg	2340
gtgaccttga	aaacacagat	tactataatt	actataataa	atcccttaca	ttcctgtctc	2400
tagcatgggt	tagggagtgc	caaggctcaa	tgtagatggg	gtcaccttgt	cagagcatct	2460
gttcatacag	aaactgggtt	tcctgcagac	cccaggtgct	gcataggatt	cctcaaaccc	2520
tacaggatat	atctccccc	tggtgctgt	ccattttgct	tgttaccctg	actccccctc	2580
ttcagccaga	gcagtctttg	taactaaagc	tgccagcctg	gctcatcttt	cctgacaacg	2640
tgcatctcct	gccctgtgat	cacctttgtg	cttggtcct	gccctcagcc	tgaatgtgtt	2700
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catttcccag	ttctgtctca	tacagtcag	cctctgccac	cttccccacc	ccttctctta	3000
ttccatccta	actagttcag	ccctagtcaa	gactggatag	actgatactg	ctttgtttcc	3060
cccaggaacc	aaccacccaa	cccagttatt	ctggtaattt	tgacaatgat	ctatatgaaa	3120
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acaatcagag	gagcagaacc	actaagataa	agattatgta	tatatgtatt	ttaggaggatt	3240
tattataggg	atctgaccgc	atgccattgt	gggagctggg	taaacagtct	ctgtaaggct	3300
gttgtctttg	catctaattg	tgagcttga	agtctgcagg	gcaggcactc	gggaaggga	3360
gatggatgta	aagtgtggga	gaccgaggac	acagtggagc	ccacgagcac	gagctggaac	3420
ccacgaggat	ggcctggaac	ccatgtcagt	ctctcaccac	ctccagcttc	gatgatgtgg	3480
gtgtcctgca	gaagaagctg	gtgcccttcc	tcacagagtt	aaatatgcat	ctggcccagg	3540
aattagagaa	gctga					3555

<210> 4304

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(480)

<223> similar to gi5453263 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4304

cttatatctc	agatacactg	ggtcaagtct	acaaaagtaa	aataagatgg	tggatagagg	60
aaaacggagg	aaacgggaac	atttcagttg	atgatcta	tgctcttttg	gatttagcag	120
aacatgcctc	aagtgcattc	aaagaatctc	aacagcaaag	tgaagataga	gagtatgaag	180
tgaaggaaag	attgtatccg	aagtcaaaaa	ggcggatga	tacttacaat	atagctgggt	240
atcaaggaga	gatagaagtt	gggctttaca	caatccaaat	tctccagctc	attccttttt	300
ttgataataa	aatgagcta	tctaaaagat	atatgggtcaa	ttttgtatca	ggaagtagtg	360
atattccagg	ggatccaaac	aatgaatata	aattagccct	caaaaactat	attccttatt	420
taactaaatt	gaaattttct	ttgaaaaagt	cctttgattt	ttttgatgaa	tactttgtcc	480
tgctaaaacc	caggaacaat	attaagcaaa	atgaagaggc	caaaactcgg	agaaagggtg	540
ctggatattt	taagaaatat	gtagatatat	tttgtctctt	agaagaatca	caaaacaaca	600
caggtcttgg	atcaaagttc	agtgagccac	ttcaagtaga	gagatgcagg	agaaacctag	660
tagcttttaa	agcagacaag	ttttctgggc	tcttggaata	tcttatcaaa	agtcaagagg	720
atgctataag	cactatgaaa	tgtatagtga	acgaatatac	ttttctctta	aaac	774

<210> 4305

<211> 1517

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (154)...(513)

<223> similar to gi4914615 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4305

ccgggagacc	actgttttaa	agtaaacaca	ccacacatca	acttggggca	gctttgtaag	60
cagcttcgca	agccctgaaa	cttctggctg	gtagggatgc	cagctaaacc	agatggcatc	120
aaacagtga	atacaggcct	ggctttcaga	cttgatgata	cacccctga	agactccatt	180
cctttggctc	ttccagaatt	agaccagcag	ctacagcccc	tgccgccttg	tcatgactcc	240
gaggaatcca	tggaggtggt	caaacagcac	tgccaaatag	cagaagaata	ccatgagggtc	300
aaaaaggaaa	tcaccctgct	tgagcaaagg	aagaaggagc	tcattgcca	gttagatcag	360
gcagaaaagg	agaagggtgga	tgctgctgag	ctgggttcggg	aattcgaggc	tctgacggag	420
gagaatcgga	cgttgagggt	ggcccagctc	caatgtgtgg	aacaactgga	gaaacttcga	480
atacagtatc	agaagaggca	gggctcgctc	taactttaaa	tttttcagt	tgagcatacg	540
aggctgatga	ctgccctgtg	ctggccaaaa	gatttttatt	ttaaatgaat	agtgagtcag	600
atctattgct	tctctgtatt	accacatga	caactgtcta	taatgagttt	actgcttgcc	660
agcttctagc	ttgagagaag	ggatatttta	aatgagatca	ttaacgtgaa	actattacta	720
gtatatgttt	ttggagatca	gaattctttt	ccaaagatat	atgttttttt	cttttttagg	780
aagatatgat	catgctgtac	aacagggtag	aaaatgataa	aaatagacta	ttgactgacc	840
cagctaagaa	tcgtgggctg	agcagagtta	aacctgggga	caaaccata	acatgttcac	900
catagtttca	cgtatgtgta	tttttaaaat	tcatgccttt	aatatttcaa	atatgctcaa	960
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tcacagtaaa	catctctgcc	tttgctgtg	tgtgttctgg	gggagggggg	acatggaaaa	1260
atattgtttg	gacattactt	gggtgagtgc	ccatgaaaac	atcagtgaac	ttgtaactat	1320
tgttttgttt	tggattttaag	gagatgtttt	agatcagtaa	cagctaatag	gaatatgcga	1380

gtaaattcag	aattgaaaca	atttctcctt	gttctaccta	tcaccacatt	ttctcaaatt	1440
gaactctttg	ttatatgtcc	atttctattc	atgtaacttc	tttttcatta	aacatggatc	1500
aaaactgaaa	aaaaaaaa					1517

<210> 4306

<211> 1339

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1340)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1339)...(878)

<223> similar to gil651201 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4306

tttttttttt	ttgattctta	acatatattaa	tgaaactcga	gcttcataaa	ccagtgaat	60
gcctaccctt	atggagacgg	ggagctggtc	atgggacca	ggtgcctgga	ggacatccca	120
gtggctttga	aggctccagc	cagtcaagac	ggtcaatatt	agcccttctg	ccaacatctg	180
gcaatgtgag	gctgggggtg	acgttggcct	gatgttgcca	ggagtaggat	gctgatgctg	240
ccagagagta	ggtgggctcc	aaaccccagg	cttctcactt	gcttactaag	cacagcagtc	300
tgaagcttgg	gacctgggca	gtgcgtcttt	ggagaaggca	aaaaagccac	agcagcaaca	360
cttaggagca	agacccttcc	cgctctccac	cctatttcct	cccctgaaga	agagcaacag	420
ctcaagctct	agcatggcac	agaacgctag	gttgggccag	gcaagcagcc	atggtggggc	480
caggtgaagc	aatgtgggtc	tcagcaagga	acccctctga	aggtggcagt	ggctcccagg	540
gctgctgcac	actggacacc	acaactttgg	catcagctgc	atggtgagct	gcagagtggg	600
cagaggggct	ggggccctgc	caagagagca	aggccagacc	tgcccagcgg	gaggcaggaa	660
ggccctgatc	cagcaaggag	aagtagagga	agtccacagc	cacctctgtt	actcatcgct	720
actgggacat	ctggggacag	gctctgttct	tgggagagca	ggtcaccagg	atgtgtaggg	780
ctgcctgccg	gtgacagaca	cgtaagtcac	agggaaaggc	cgggatccag	gcctcagctg	840
tagcagcagc	tgtctgtcgg	tcaggatccc	cggctctggg	cgcttccaag	atgaagccag	900
aaggatgtag	agcaccagca	gccc aaaggc	caccaccagc	atcccgggtg	tgttggcaaa	960
gaccgcctca	ctgggcaggc	tgtggtatgg	cctggtggtg	tttttcaaac	tgaagaaaag	1020
cttctcatta	atgcccgaaa	tgacggatgc	gatggacaga	gagaggatgg	cggctccaaa	1080
aaagacgtgg	ataggtttta	ggaggctgcg	cagccacatg	gacgcccagg	gcaggaggaa	1140
gacagcaaag	cccaggaacc	tctggcaggc	gaagaggaag	acagtgggtga	tgcccagcca	1200
gctgtgaagg	gagtagaggt	tggcagtcct	tccatggttg	tgaaacgtaa	agacagcaac	1260
cagccccaca	acagtgagga	cgaaggccgn	nttcncaag	gtnctcaaag	atctcagtn	1320
nnnnnnnnnc	ggnactcct					1339

<210> 4307

<211> 6050
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(5531)
 <223> similar to gil504002 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4307

ggcttcccca	cgaggaggacg	cgaggccccg	gcccagccat	ggccccctgg	cgcaaagctg	60
acaaggagcg	gcacggcggtg	gccatataca	acttccaagg	cagcggagcc	ccccagctct	120
ccttcagat	cggcgatgtg	gtgcgaatac	aggagacgtg	tggagactgg	tataggggat	180
acctcataaa	gcacaaaatg	ttacagggca	tttttcctaa	gtcatttatc	cacatcaagg	240
aagtgcagct	tgagaaaaga	agaaatactg	agaacatcat	tcctgcagaa	attcctctgg	300
cacaagaagt	gacaacgaca	ctttgggaat	ggggaagcat	ctggaaacaa	ctctatgtgg	360
ccagcaaaaa	ggagcgtttt	ctccaggtgc	agtccatgat	gtacgatctg	atggagtggg	420
ggtcccagct	tctctcagga	accttaccga	aggatgagct	gaaggaaactg	aagcagaaaag	480
tcacgtccaa	aattgactat	ggcaacaaaa	tccttgagct	tgatttgatt	gtcagagatg	540
aagacggaaa	tatcttggac	cctgataata	ccagtgtcat	cagcttggtc	catgcacatg	600
aggaagcaac	tgataaaatc	acagagcgta	tcaaagaaga	aatgtcaaaa	gaccagccag	660
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gaaactttgt	gtgcagaatt	ggggaagatg	ctgagctctt	catgtctctc	tacgacccca	780
acaagcaaac	ggtcataagt	gagaactacc	tagtgcgatg	gggcagccgg	ggcttcccta	840
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tcaacaggga	taaaatttac	ttgatttgct	aaatagtccg	ggtcggcaag	atggatctta	960
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6050

<210> 4308
<211> 1429
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(1080)
<223> similar to gi5817053 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4308

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accagatatg	ttttcttgga	aggaccactg	tgaagctctg	tacaaagagg	tgagaggtg	360
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tacctcacag	gaccagcagg	ctgcacagag	ggtgaaggag	atctttggag	aggatgccat	480
gggacacaca	attgtcctct	ttaccacaa	ggaagacctc	aatggtggct	ccctgatgga	540
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atcactccaa	ttattaatga	accaaatcat	acgataagtt	actgtttgca	ttgaaatata	1260
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ccagttttat	gttcctaaaa	tctcattttc	ttctttctag	tactactatt	tctattgaat	1380
ataatgaaaa	tggcaataaa	ataatattac	ataaactgta	aaaaaaaaa		1429

<210> 4309
<211> 1296
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1295)...(1022)

<223> similar to gi6017904 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4309

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cttccttaaa	tattttcaag	tactgtaaga	acacaaatcc	atgaaaaaac	tgattaaaat	600
ttgacatttc	atcttgcttt	actaattatg	gaataataca	aaaacataaa	aaaaatgttc	660
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ctatttgctt	ctactcgggt	aagttctgga	agtgagtttt	tagcatatac	tgaaatggta	1260
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<210> 4310

<211> 2047

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (249)...(1543)

<223> similar to gi2829884 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4310

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